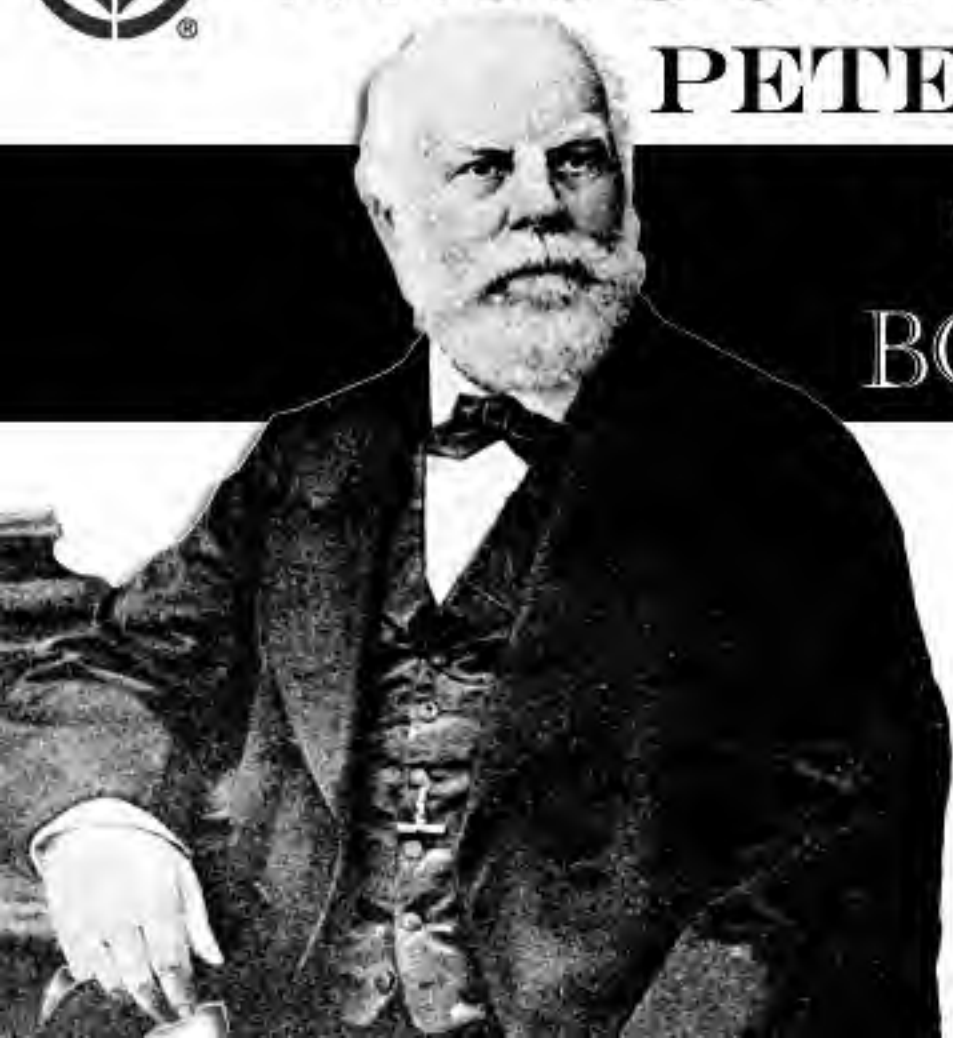




MISSOURI BOTANICAL GARDEN
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GEORGE ENGELMANN
BOTANICAL NOTEBOOKS

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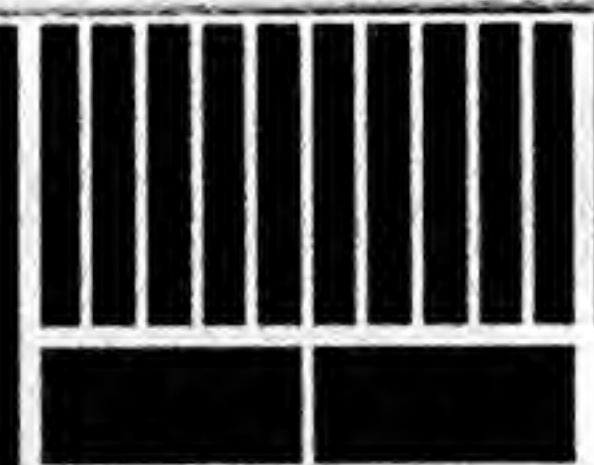
48

Cusc. p. 500

C. subinclusa Durand & H. Gaud
in Journ Acad. Philad. III. p. 42
1854

Pacif. N. A. Rept. vol. IV. part 3
vol. pag 11
(1856)

(enclosed 805-814)



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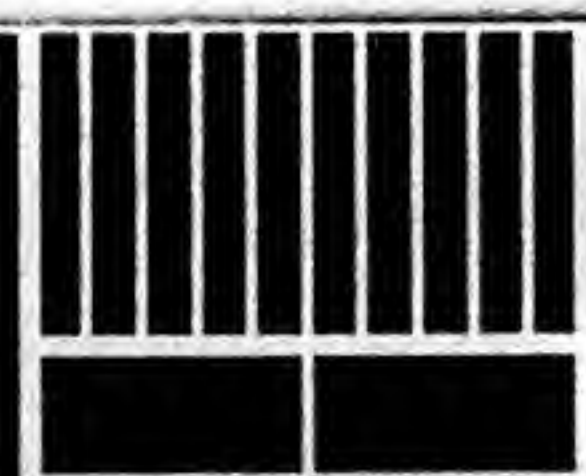


MISSOURI
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4812

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

1842-2-18 (Jan 1842)



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cm

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Cuscuta subululosa

17/9/80

Foot hills, east of Visalia
and Canons of Santa Monica
Mountains Sept 12 & 16

x 4



not size
3 lines or
a little over



fruit



1-seeded
capsule



seed



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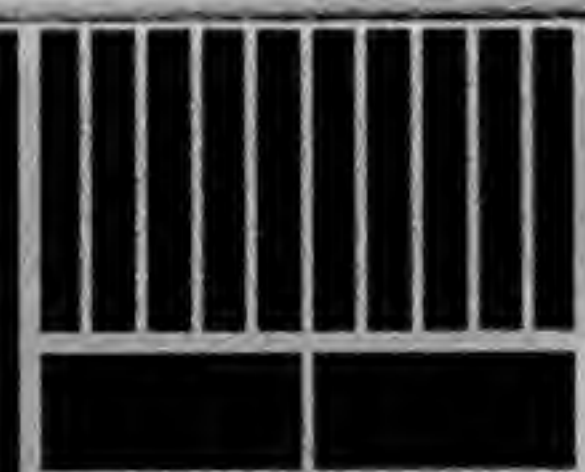
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4813

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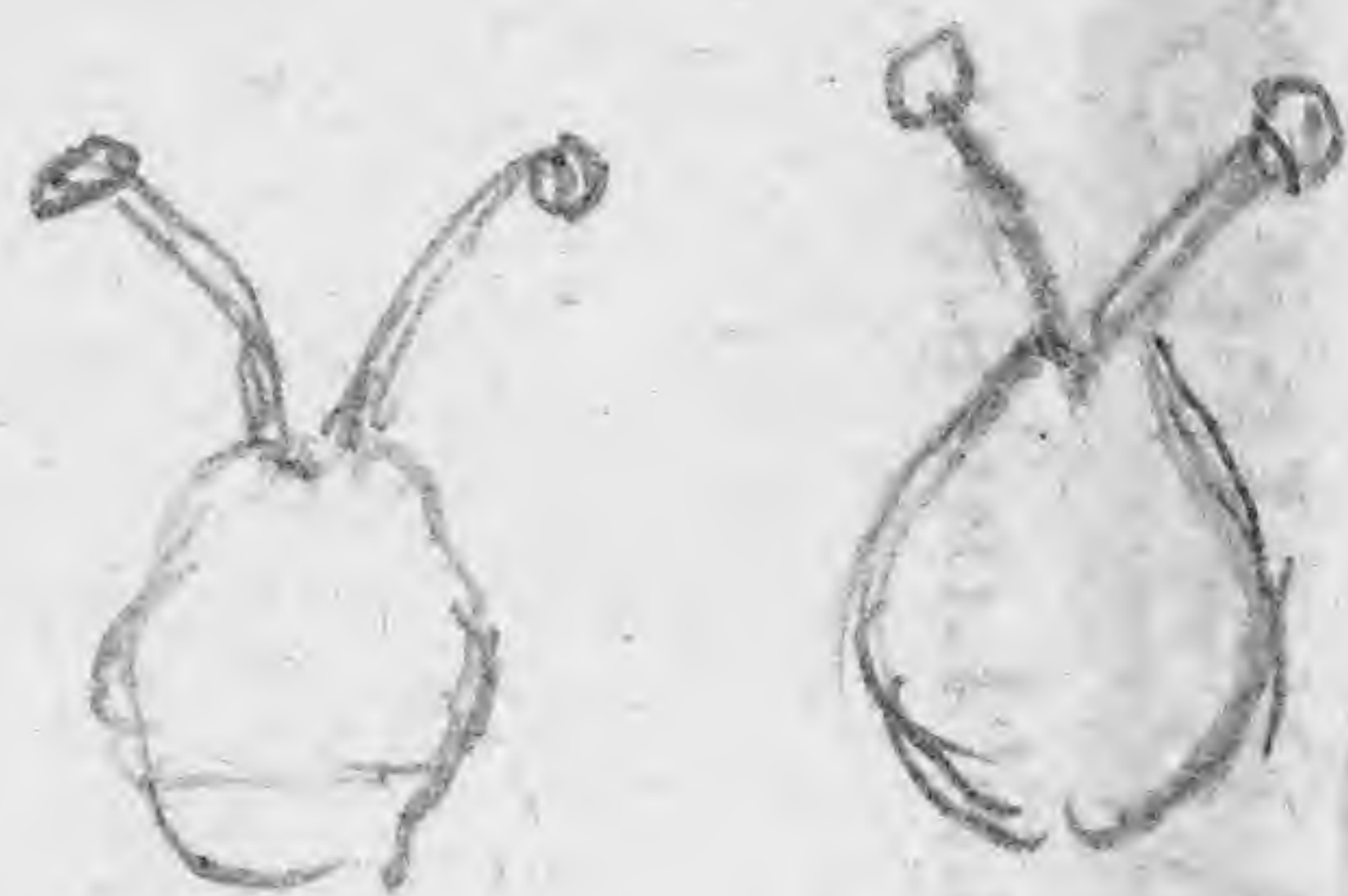
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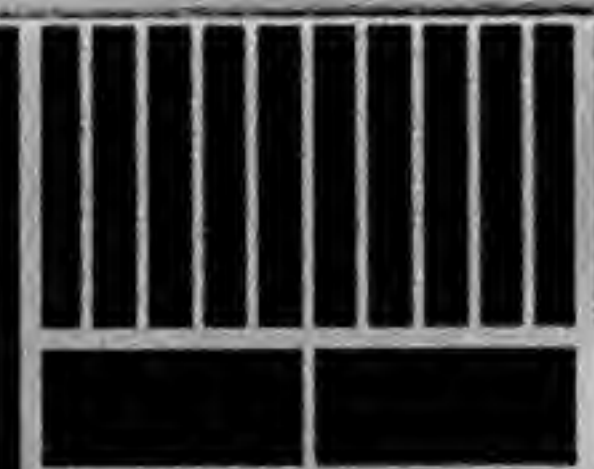
March 1862



Cassiope subnolosa Hook & Arn.
on Ambrosia

Whole flower
fleshy, and when
soaked glutinous

California
U.S. Expl. Exped. 1851



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4814

ALEX. LEITCH,
APOTHECARY & PHARMACEUTIST,

Marble Building Cor. Fourth & Olive Sts. St. Louis, Mo.

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GEORGE ENGELMANN PAPERS



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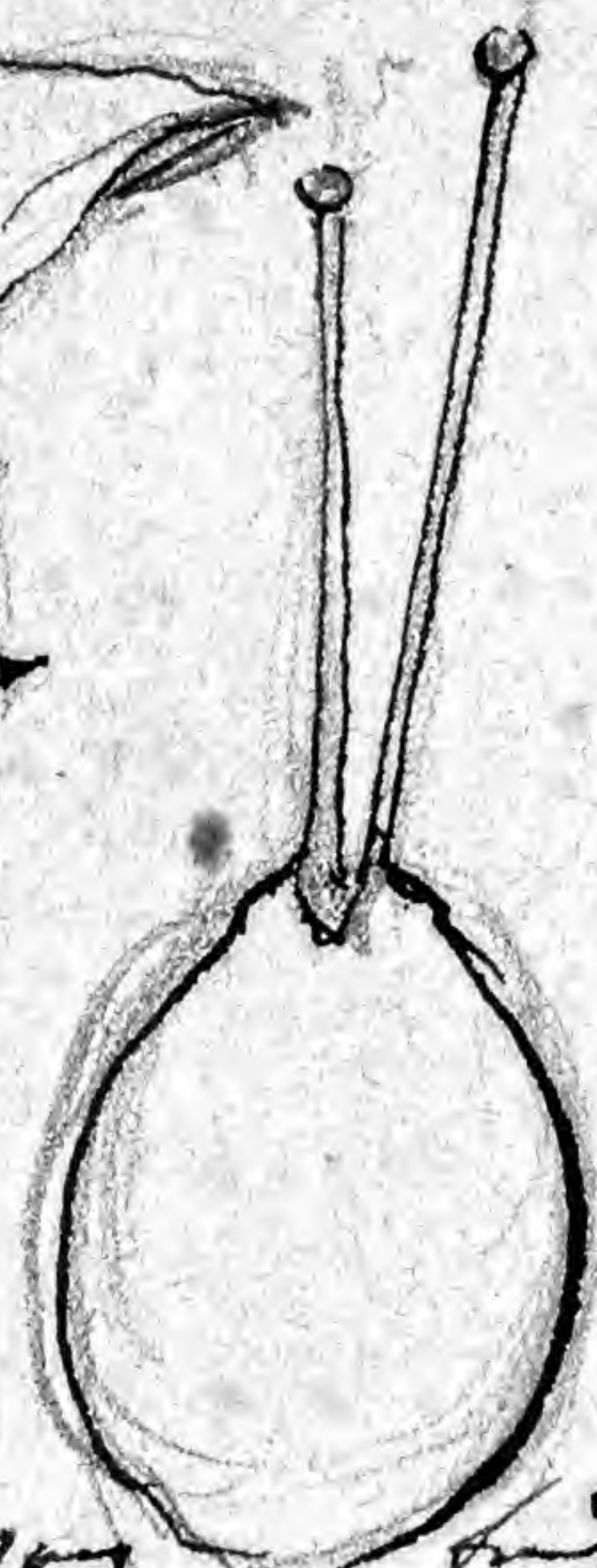
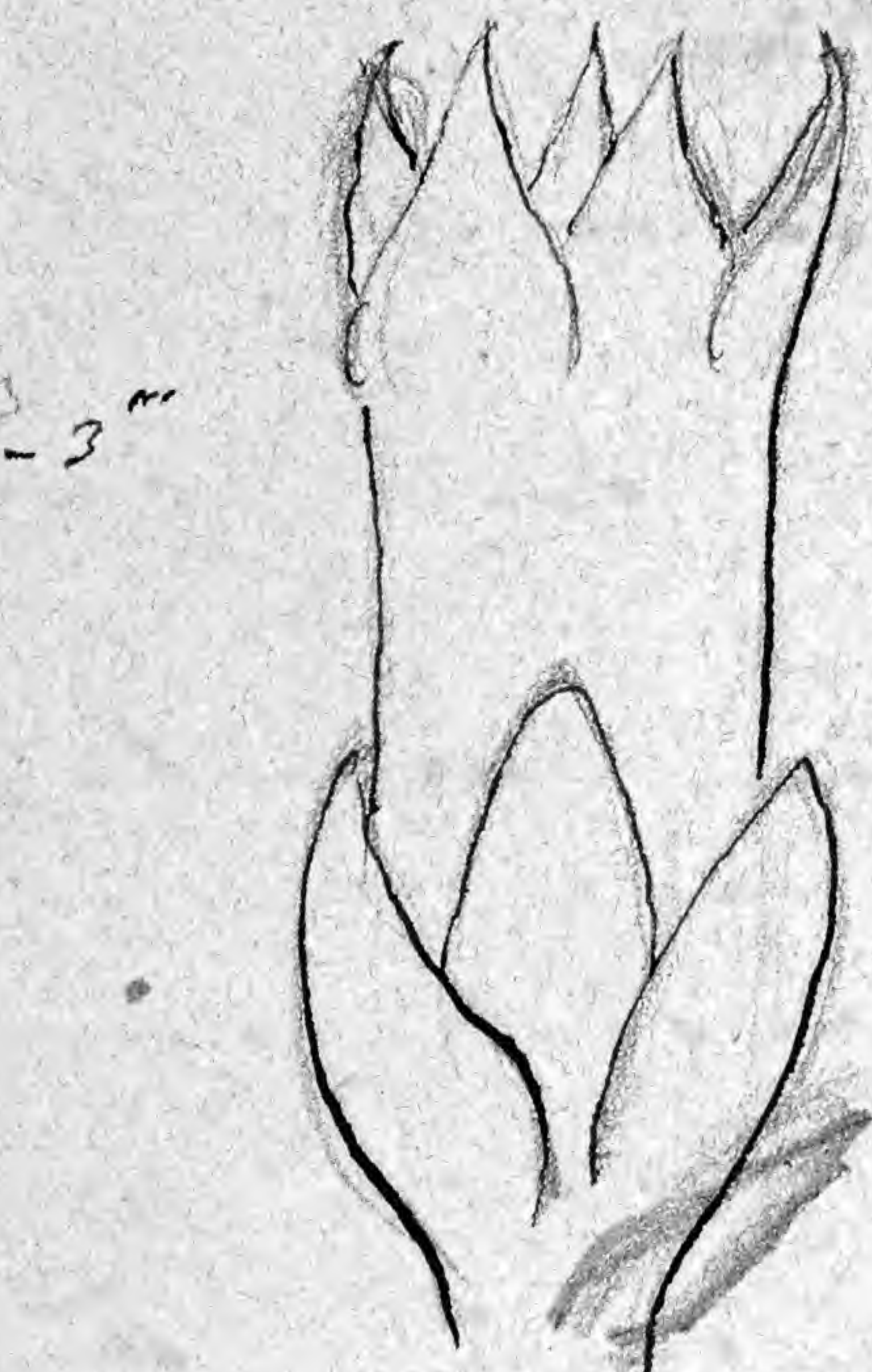


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Suberula
Cuscuta Californica
 Choisy

San Francisco

California
 Margin of brackish marshes, Mare Island
 Bay of San Francisco, mostly at Grindelia
 Ch. Wright 1855



707 fruit.



0.7"

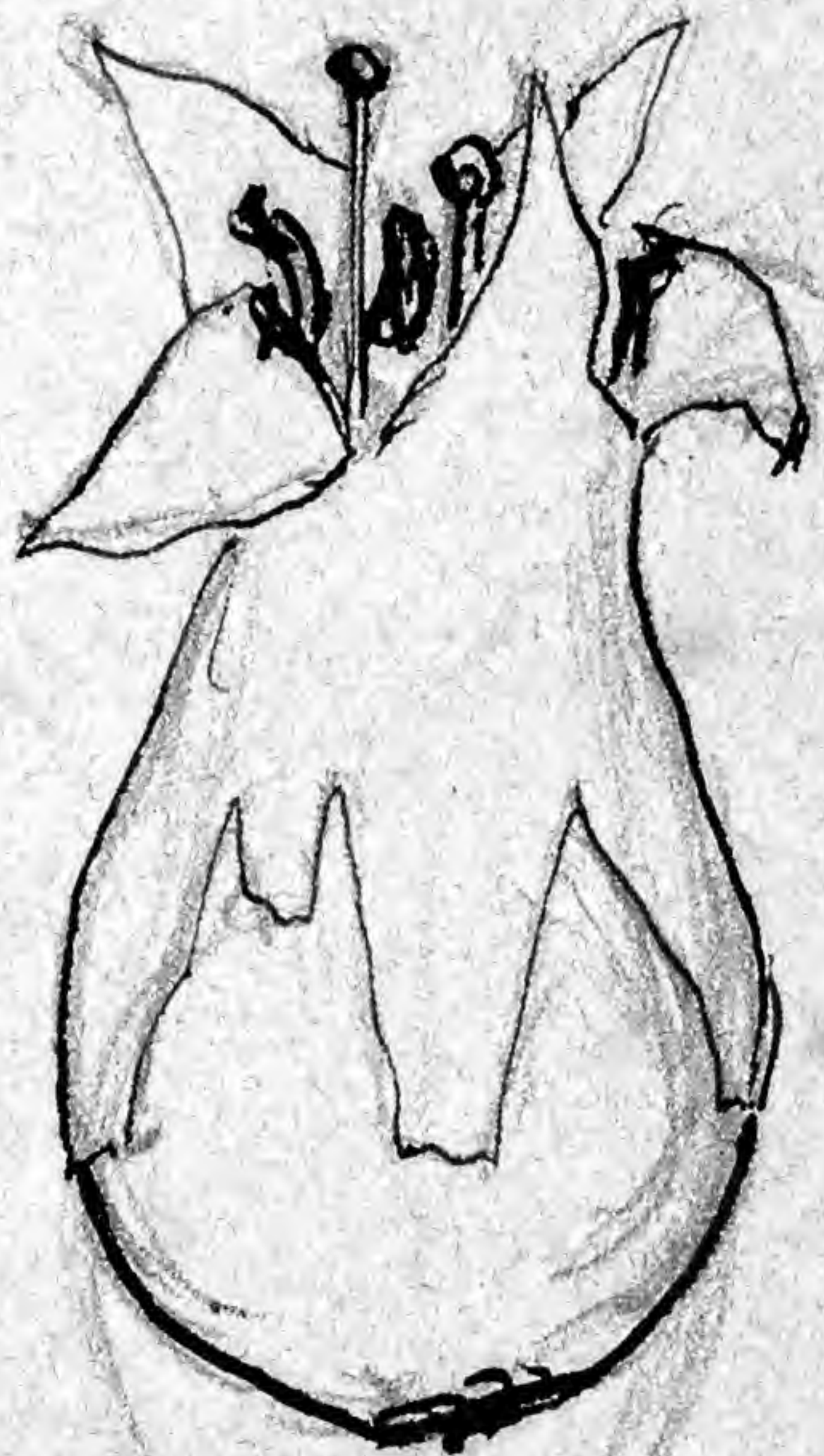
-0.9"



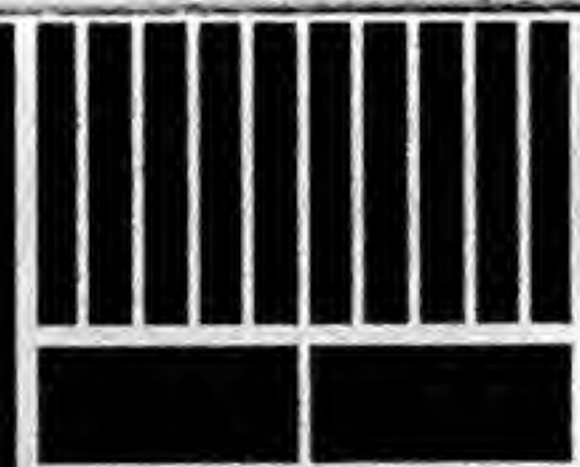
afterfl.



flowering



two closely allied
 to *C. Popayanensis*!!



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floris breviter pedicellatis semilibris vel ~~truncatis~~
- glomeris densis congestis (6-10 l. diam)

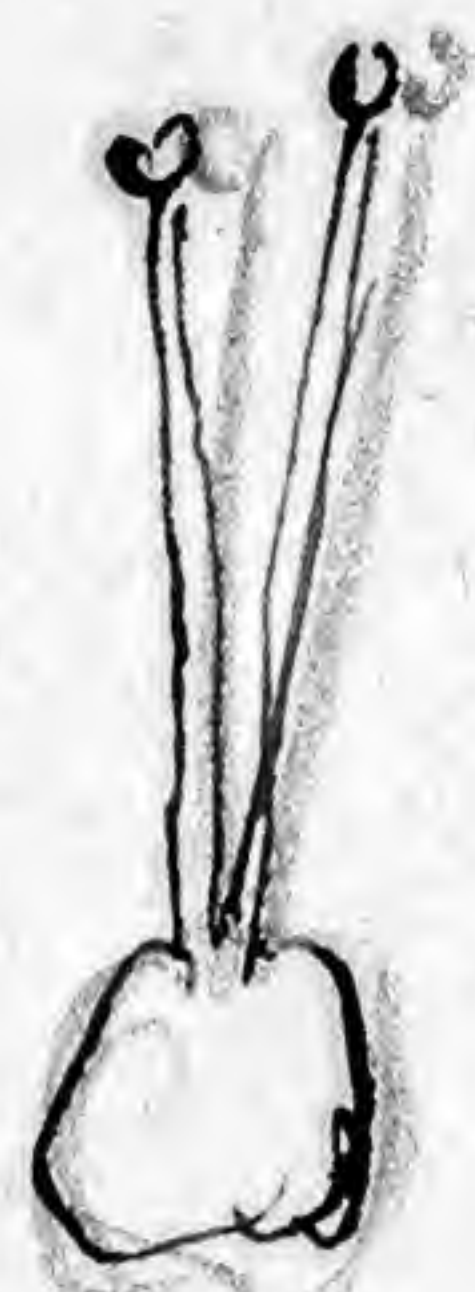
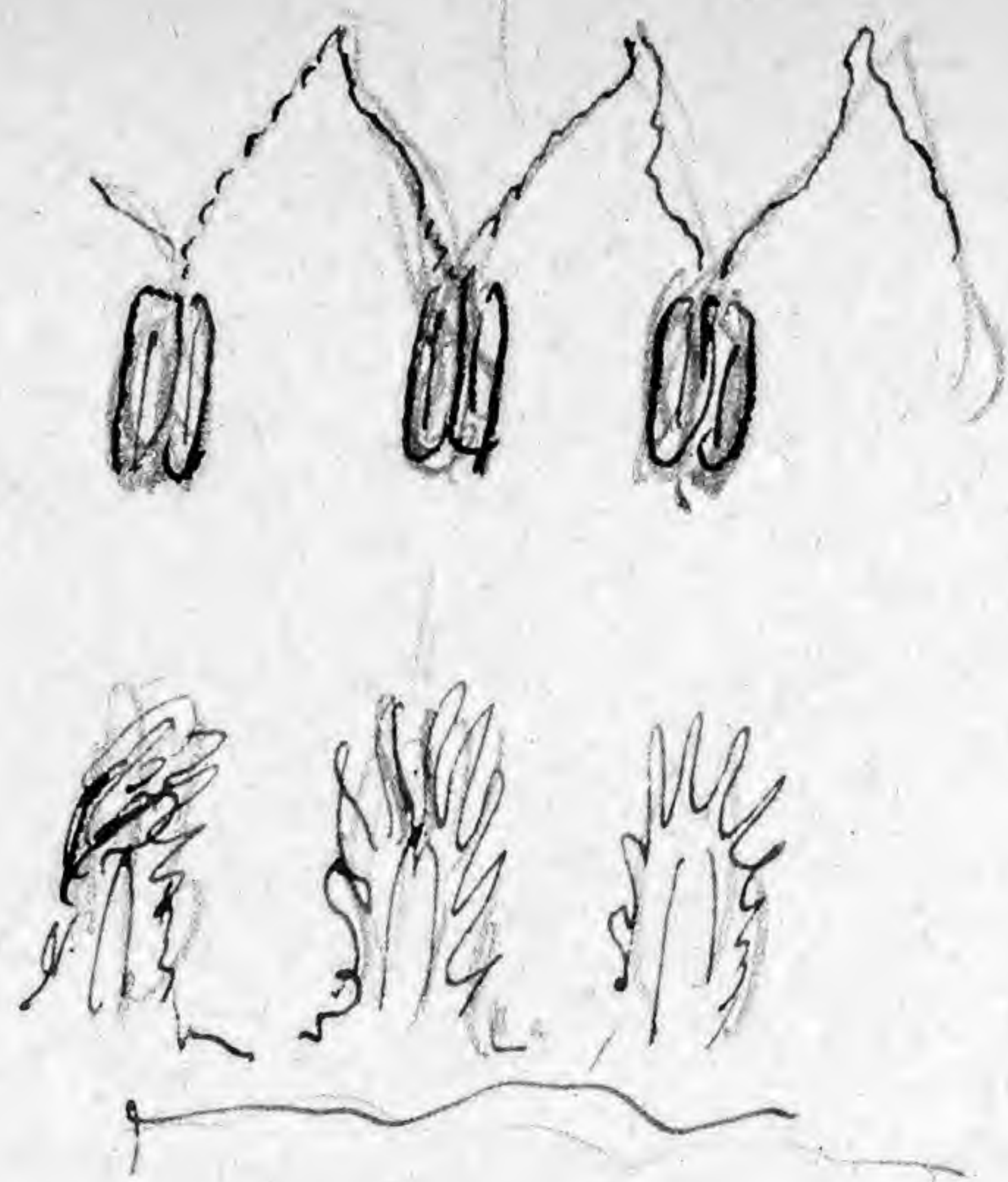
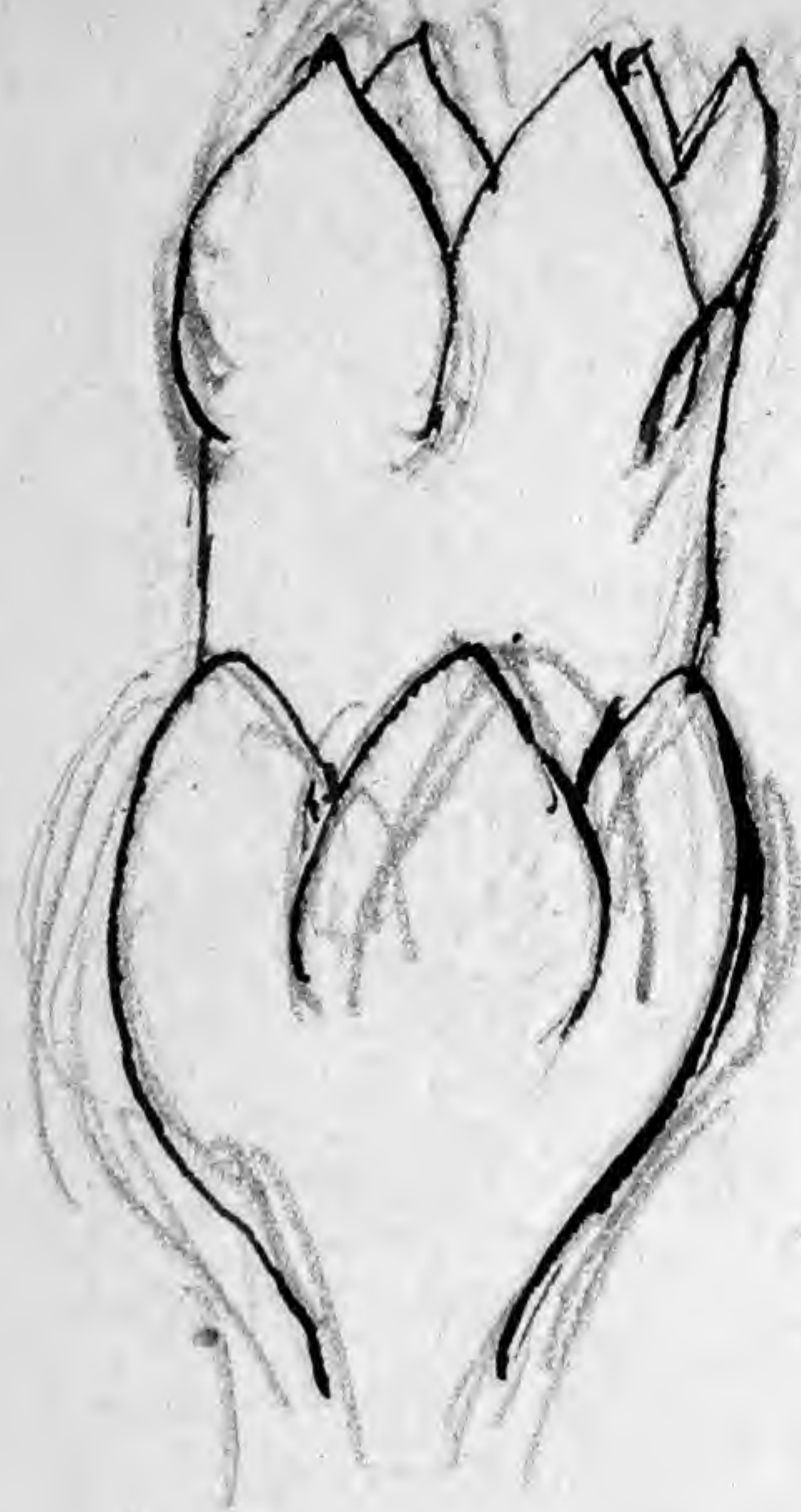
calycis 5 partite lobis basi solum connatis, inaequalibus, imbricatis;
tubo corollae cylindrico multo brevioribus, laciniis ovatis, acuminatis;
tubo dentibus brevioribus patulis (demum reflexis) imbricatis;
staminibus superantibus; antheris oblongis filamentum aequalibus;
sepalis longioribus, nervis, adnatis, tubo dentibus brevioribus;
stylis ovario connatis longe superantibus fere essentibus; capsula
coriacea, apice corollae succum continente 1-2 semina
baccata; semina ^{sub} gl. basi compressa verruculosis, ~~tubis~~
maxime per se singulis; hilo punctiformi depresso
in bilobis crisi radiatis, ~~notato~~

The species of *C. subinvolucrata* Dard is the same thing. I notice a decided but very fine ciliation at the calyx and a granulation at Corolla similar to that of *C. neurosepala*, but less strongly marked. Corolla 2.5 long, not as much exserted as that figured here. Filament much shorter than ^{obly lying} anthers.

Sierrita, South California, on Crataegus (?) - Hb Torrey is the same thing.

*suberosa*Cucuta Californiae Choisy
var. apodantha

California, Hermann

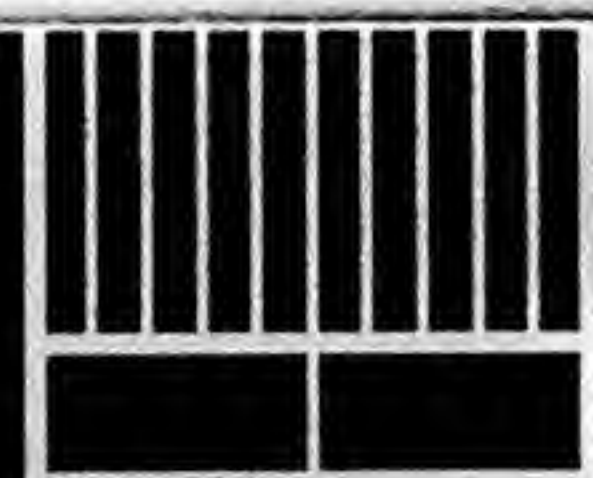
on Artemisia tridentata
= Herb. Durand.

fl. 2 - 2.5 l. long.

no doubt identical with N^o 73 from
San Francisco; but anthers longer
and sessile! I can find no other
difference; sepals or rather imbricate
segments of Calyx broaden also acutely.

Hermann plant on Salix is an intermediate form with
very short filaments but long anthers (= *C. suberosa* Dur & Adg
and also in *Artemisia*)

" on a willow, Teton Pass, September " R.A.A. Rep.
" flowers sessile in dense clusters " V.S. p. 11.

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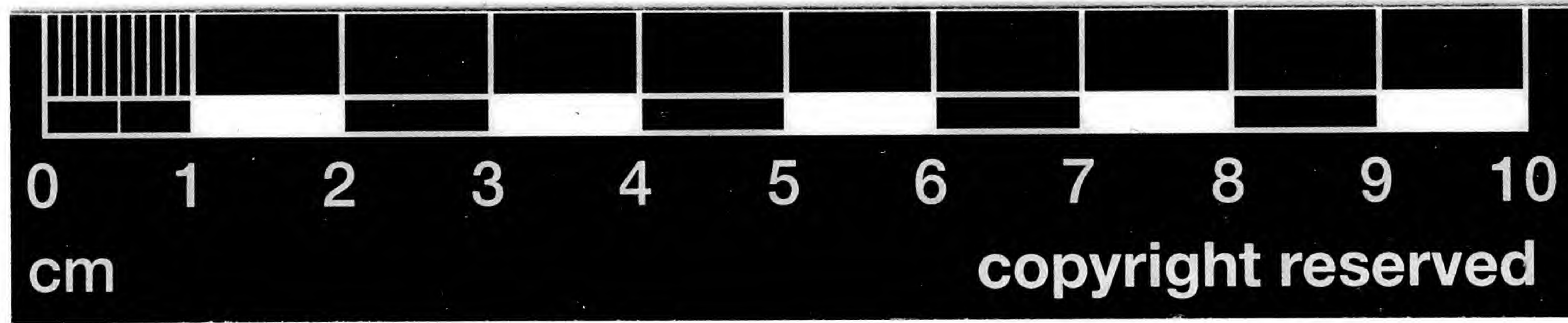
4816

Handwritten notes, mostly illegible.



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GEORGE ENGELMANN PAPERS

Extensive handwritten notes, mostly illegible, covering the lower half of the page.



49

Cusco pg 500

C. micrantha Choisy

C. micrantha Choisy Cusco. 175 t. 1. f. 3

Cl. Gay H. Chil. N. 446

de Prod IX. 453

Coguinabo, Chili, shore of the
Ocean, always on Frankia

Cl. Gay. no 538

β. forma major. Concon, Chili

Poeppig No 89 sub nom *C. Popayanensis*

& Diar. 159. sub nom. *C. Andean?*

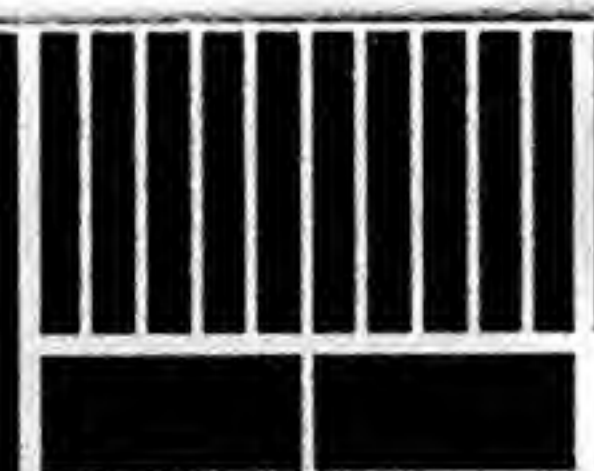
S. obtusiflora? on *Trifolium*,

Plantago etc.

v. Besser, in Hb. reg. Berl.

San Jago, Fr. Philippi. 161.

Enclosed 415-418)



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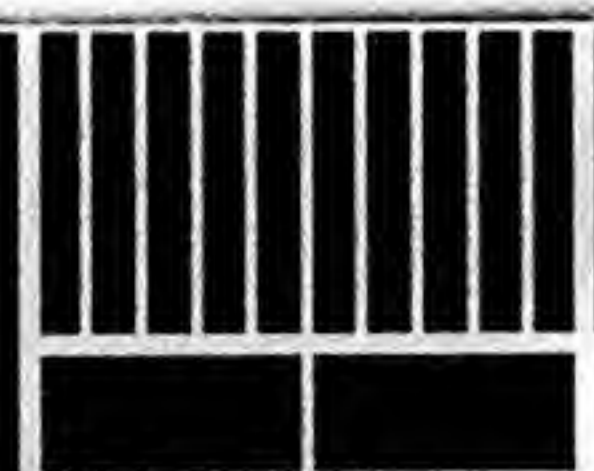
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4817

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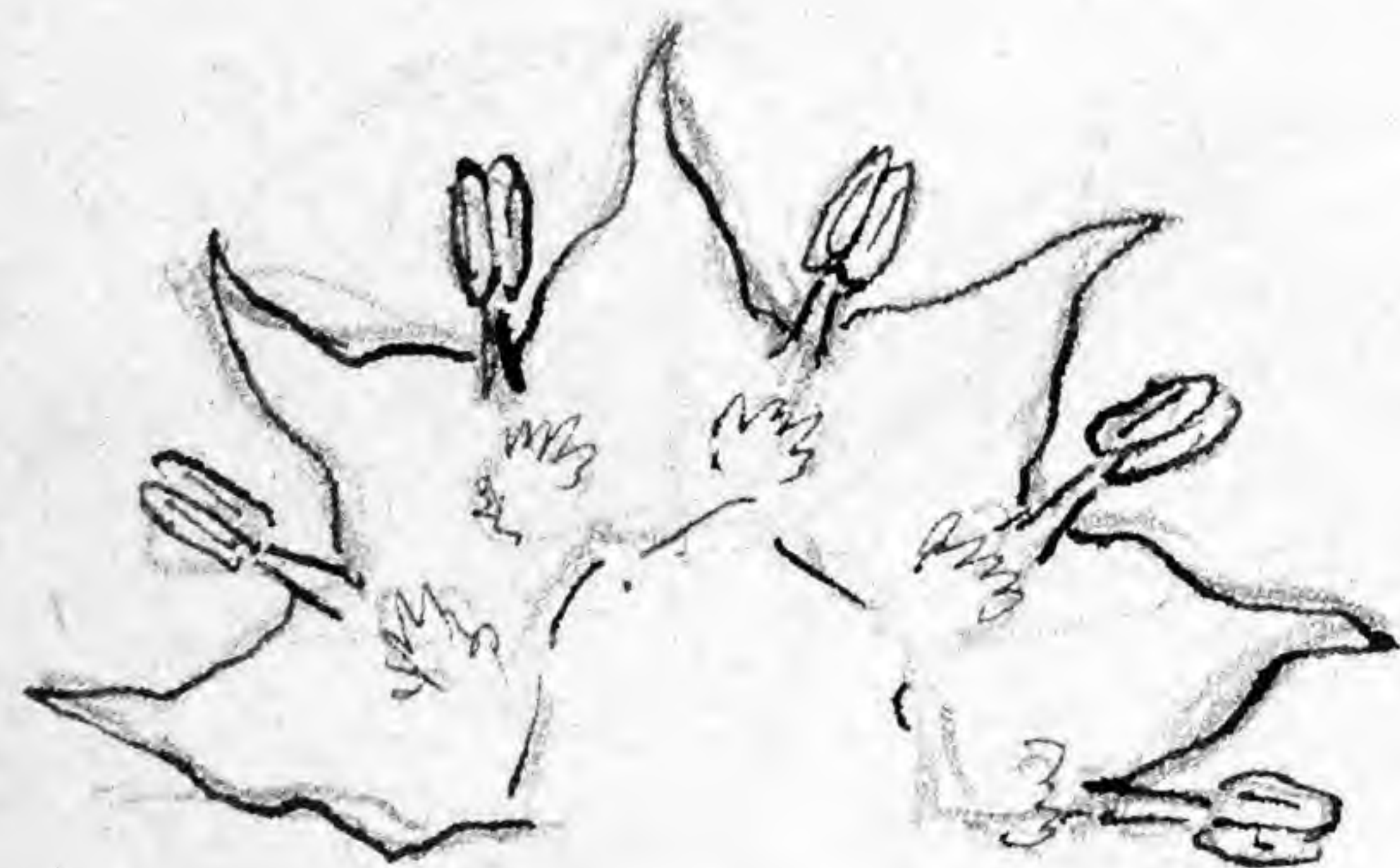
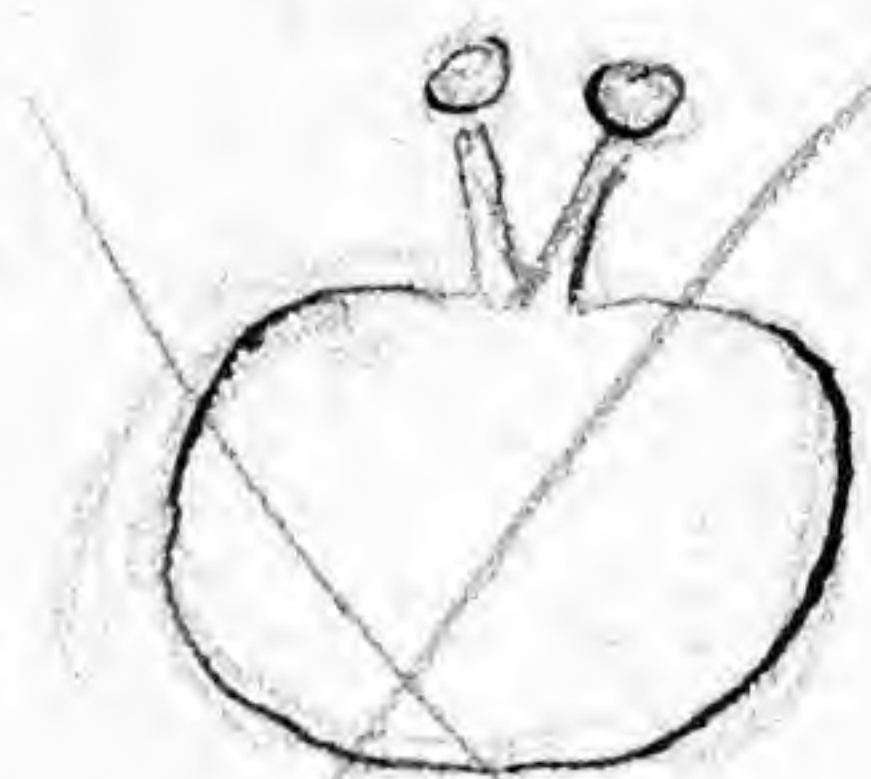
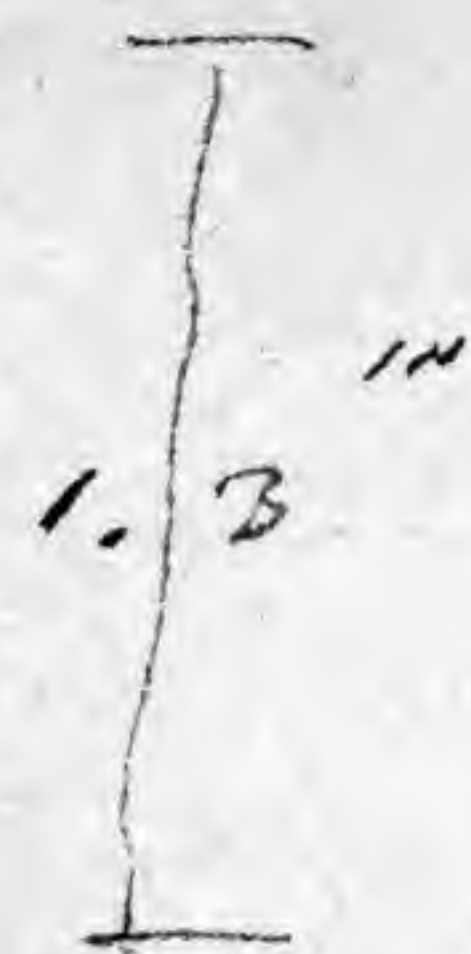
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Mitrantia

= 16 & 87
compare 26

Cuscuta

Mitrantia Choisy



Sept 1859

no 89 "Cuscuta propagensis" in herb. Berlin
Hb. Vindob. & Hb. Boissier
Concepcion, Chili: boreal. Poeppig *Agar.* 1891

Tri Trifolios, Plantagine etc
pascuis herbidis

floris glomeratis breviter pedicellatis

pauca;

calycis campanulati lobis acuminatis

tubo corollae campanulato

repentibus; laciniis corollae

tubo longioribus, acuminatis, imbricatis

granulatis crenulatis ~~staminibus~~ staminibus laciniis brevioribus

femina insertis antheris ovatis filamentis tenuibus

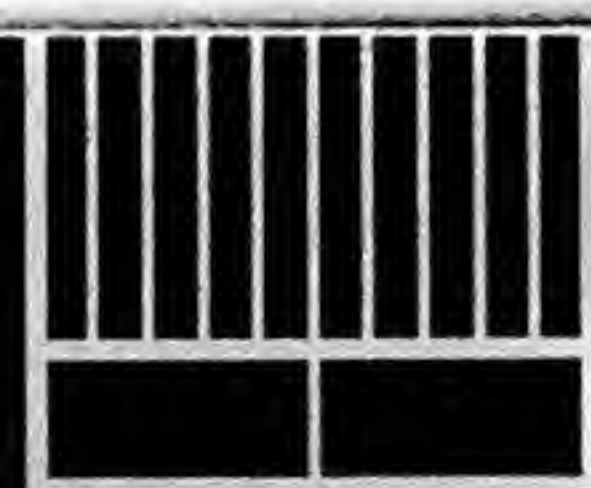
repentibus; ~~propagans~~ tenuibus

minutis; ovario magno

depresso tubo corollae replente

stylis ovario brevioribus stygma capite

Canthia de Choisy's C. mitrantha?



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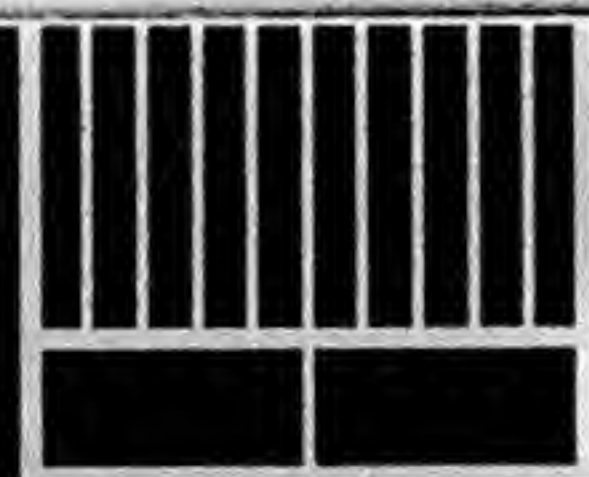
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4818

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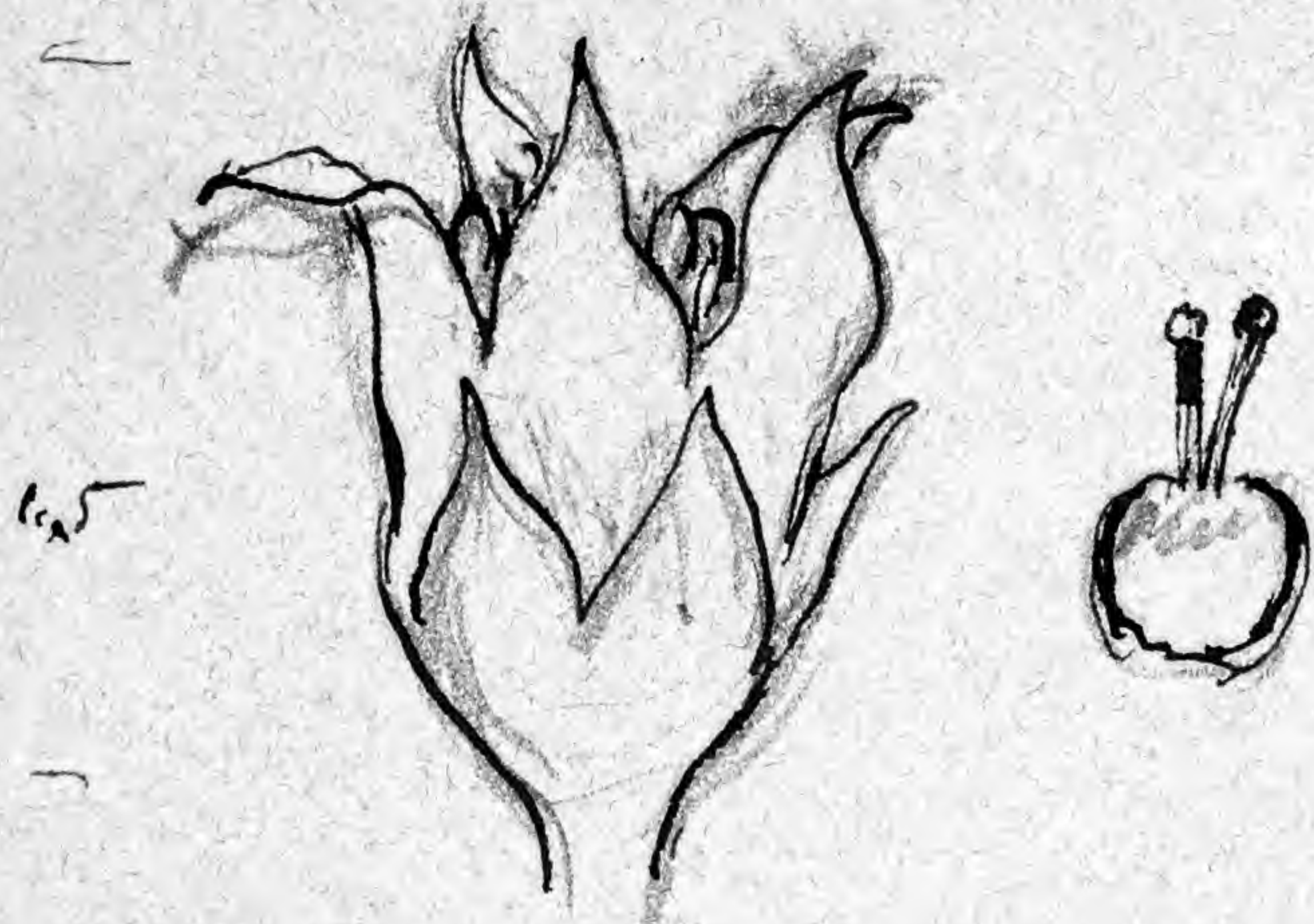
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BOTANICAL
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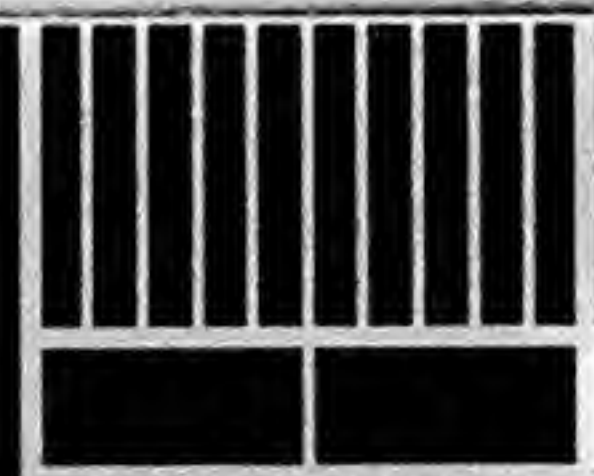
Cuscuta micrantha Chapm.

Santiago Chili

J. Philippi 1856

Herb. reg. Berl.

This name under the above name and is
probably correct; it is the same plant as *Bessey*
and *Poeppig's* and most probably correctly named.
A low plant.



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~~17. 2. 6~~ ~~Leptopoma~~
~~18. 2. 6~~ ~~Leptopoma~~
~~19. 2. 6~~ ~~Leptopoma~~
~~20. 2. 6~~ ~~Leptopoma~~

16 glandulosa?

23 ~~Leptopoma?~~
~~A. diploca?~~

10 = 578

~~18. 2. 6~~ ~~Leptopoma~~

~~1. 2. 6~~
~~2. 2. 6~~
~~3. 2. 6~~
~~4. 2. 6~~
~~5. 2. 6~~

16 = 124

~~2. 2. 6~~?

10 ~~Leptopoma~~

1 in ~~Leptopoma~~

O. C. ~~Leptopoma~~ stylis ~~Leptopoma~~
~~Leptopoma~~ ~~Leptopoma~~ ~~Leptopoma~~

~~Leptopoma~~ 25 (510) =
 26 (503) ?

~~11. 2. 6~~ ~~Leptopoma~~

~~6. 2. 6~~

~~7. 2. 6~~

~~18. 2. 6~~

~~20. 2. 6~~

~~22. 2. 6~~

~~25. 2. 6~~

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 GEORGE ENGELMANN PAPERS



4819



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 cm copyright reserved



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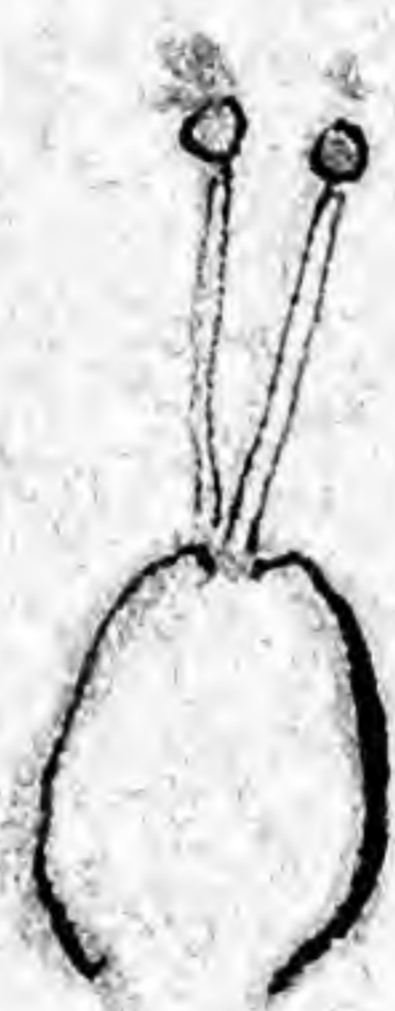
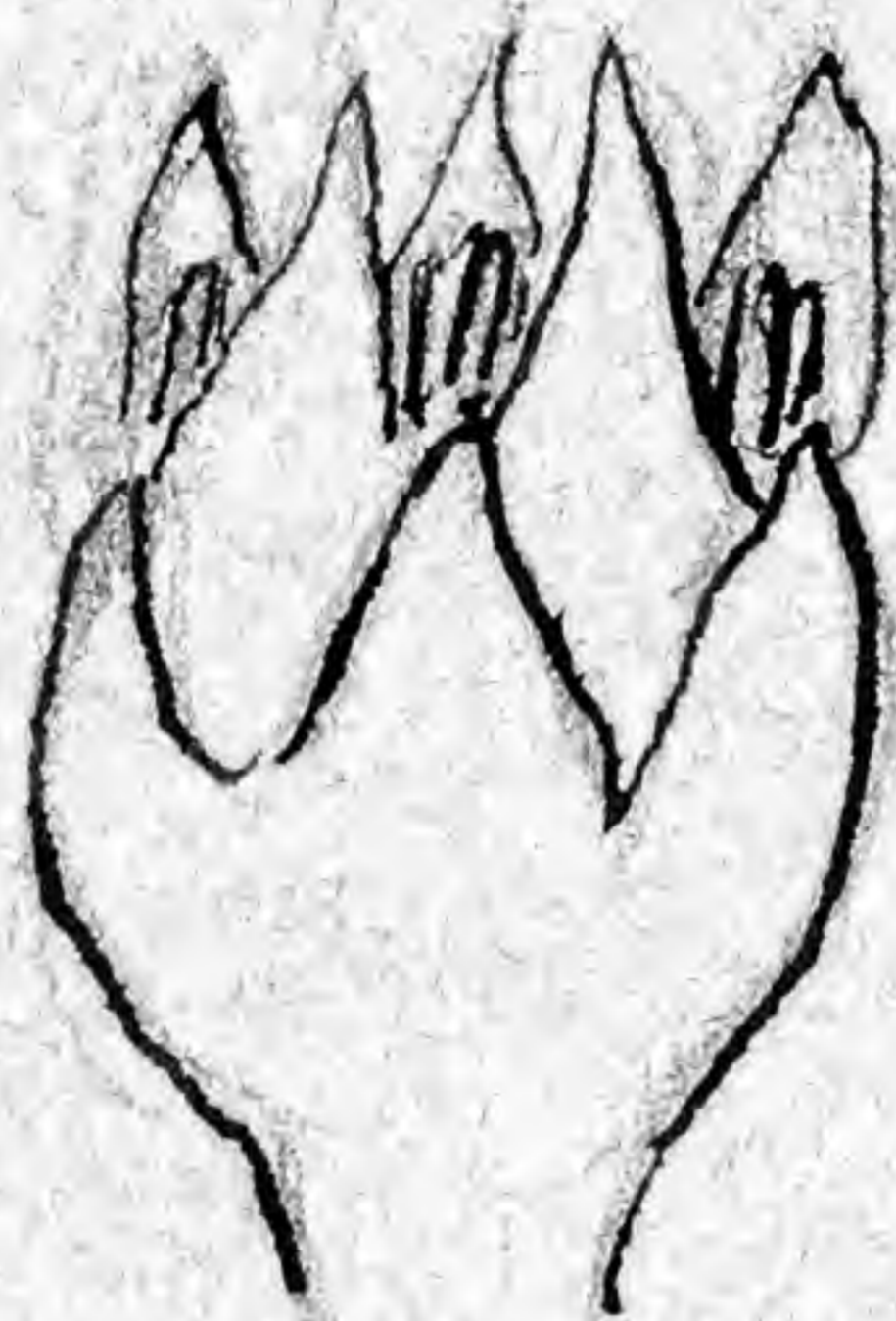
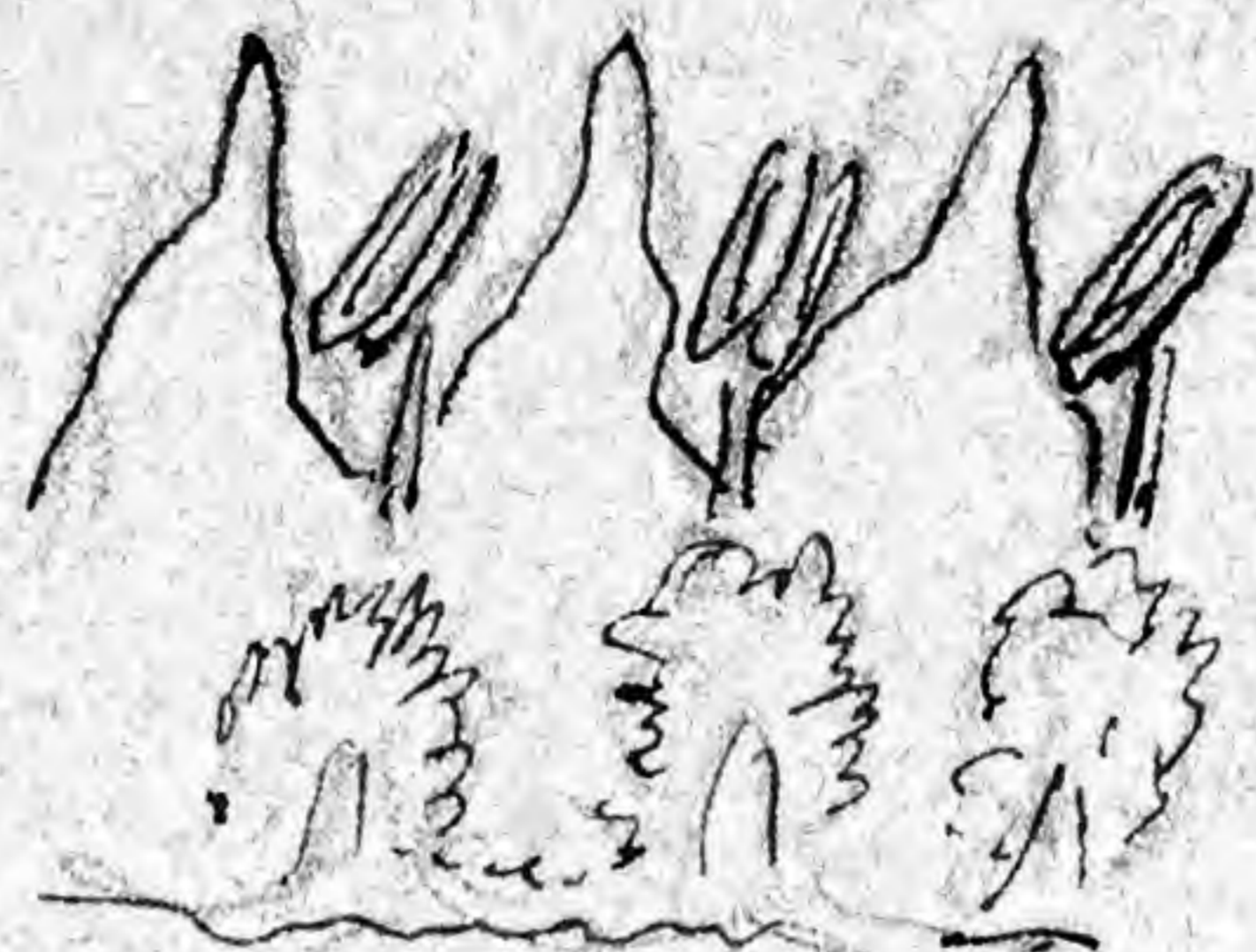
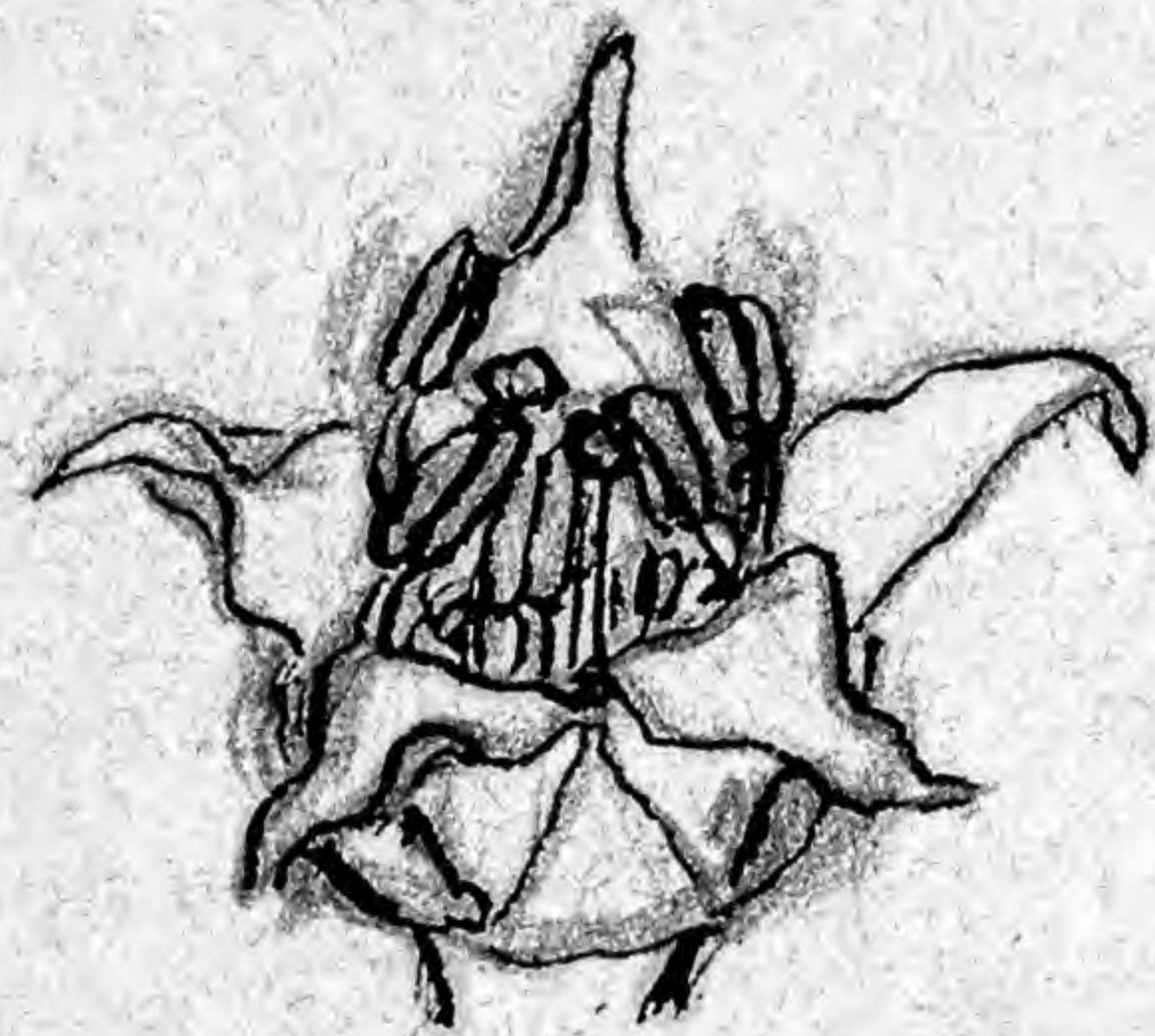
Cuscuta

murchisonii

Chili

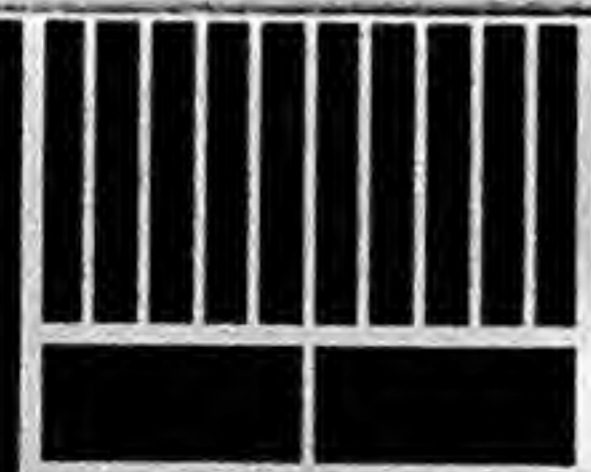
v

von Besser in Herb. reg. Berol.



The smallest of the Chilean
Cuscutae [except 225]

floribus paucis ($1\frac{1}{4}$ - $1\frac{1}{2}$ li longis)
albis breviter pedicellatis in
glomerulos densiores congestis
calyci campanulati lobis acutis
tubum ^{campanulatum} ~~corollae~~ (aequantibus; laciniis
patulis, lacunulis ovatis acuminatis
staminibus basibus brevioribus
antheris ovatis filamentis filiformibus
aequantibus; squamis fauce attin-
gentibus, majoribus laciniosis;
ovum ovatum (stylis filiformibus
aequantibus vix exsertis).

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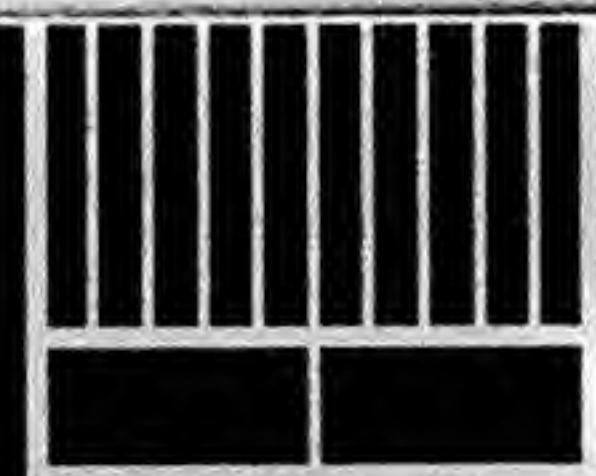
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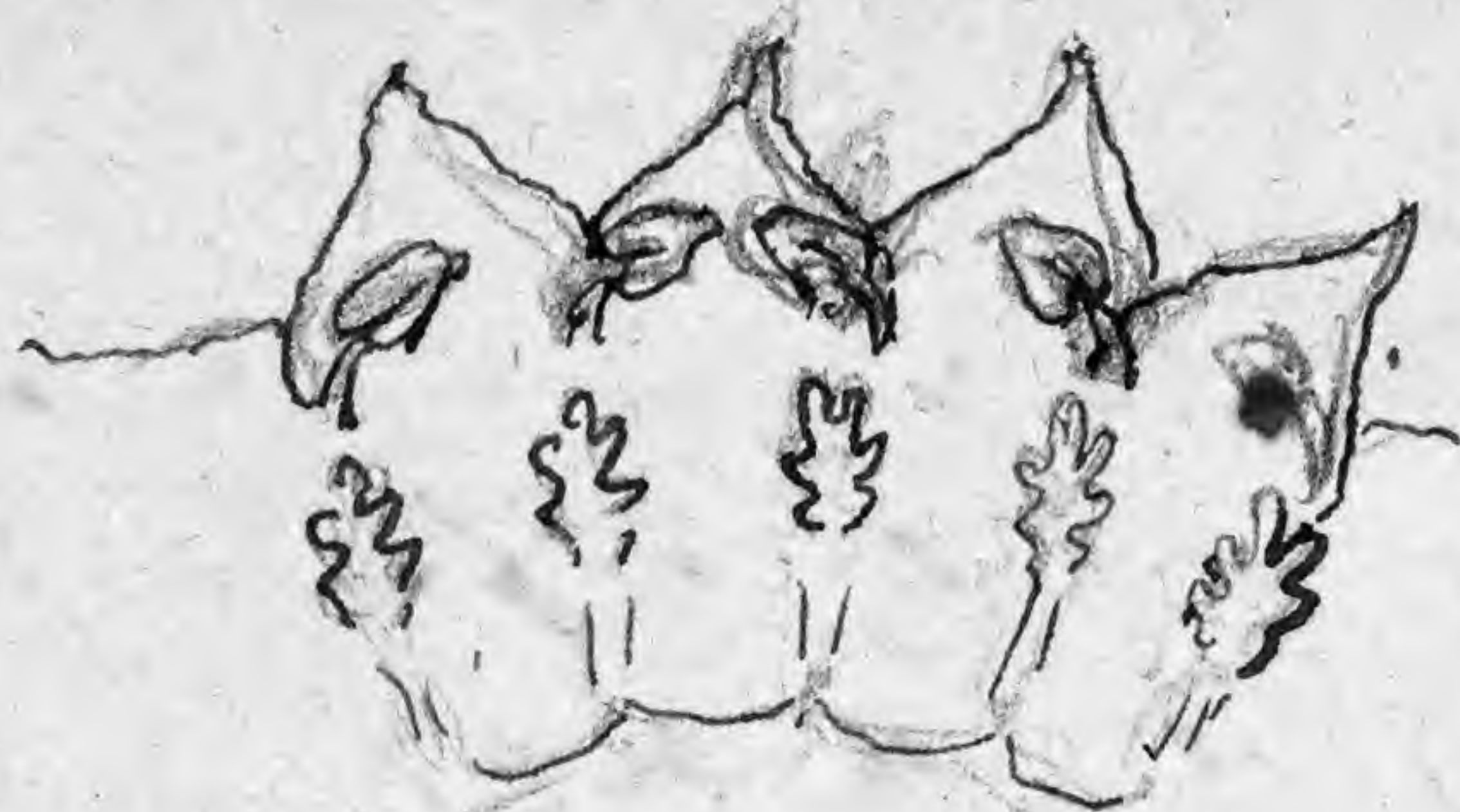
cm

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Paris June 1857

538. *Crucata micrantha* Choisy

Cl. Gay fl. chil!

always on Frankenia on the
shore of the Ocean - 'Coginbar
Chili December

Cl. Gay.

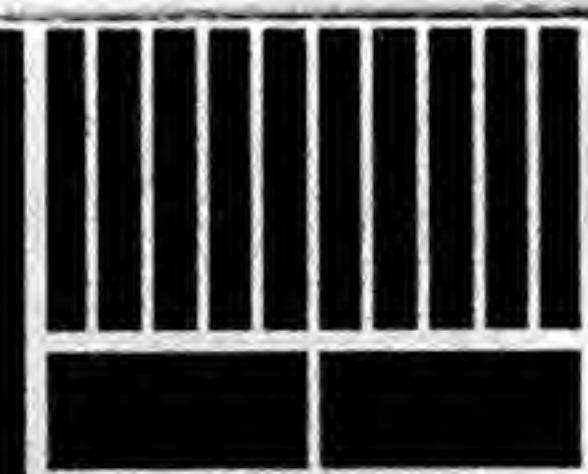
Hb. Mus. Paris & Hb. Glandolle



0.65



Humilis ^{capillaris} ^{paucifloris} ^{pedicellis}
 brevibus, cymis ^{antheris} ^{coarctatis} ^{glomeratis}
 calycis campanulatis lobis triangularibus
 acutis tubo corollae vix aequalibus;
 corollae laciniis frigidulatis acutis s. cuspidatis
 crenulatis basi imbricatis erectis s. vix patulis;
 tubo profunde campanulato sub brevioribus; staminibus
 multo brevioribus antheris ovato sagittatis perispermatis
 longe immixtis fere aequalibus. squamis parvis medio tubo
 insertis, ovulis crenatis, ovum ovato magis, stylopodi acuto



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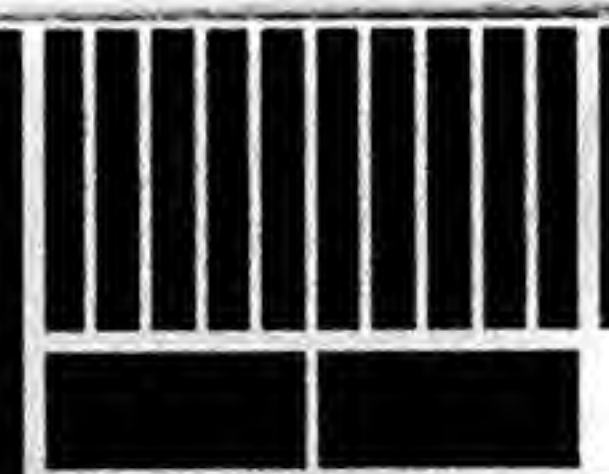
stylis brevissimis; capsula ^{baccata} ovata, corolla marcescente
exserta, (semper?) ~~monosperma~~ ^{flora} semine obovato basi attenuato
incompleto;

This is Gay's plant, cited by Choisy and most therefore
to the time *microantha*. It seems to differ from the plant
taken heretofore for *microantha* (figs 12.16 & 87) by the smaller
flowers, crenulate corolla, small scales, short styles, ~~ovates~~ ^{ovate} not
depressed ovary, and probably the capsule, which I have not seen
on the others.

Styles almost as short as in 42 brachystyle & 91 ovata

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

4821



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Cuscuta Canothi H. Behr, Proceeding
Calif Acad. 1. p. 17 (Dec 1854)

~ ~ Capitula 5-flora. — fl. 5-meri.
Calyx lobis late ovatis corollae dimidia
brevioribus — corollae ^{irregulariter} lobis patulis —
squama ciliata — antheris sessilibus (?)

San Francisco

probably same as *C. subinclusa* Dur & Hilg. / 1856



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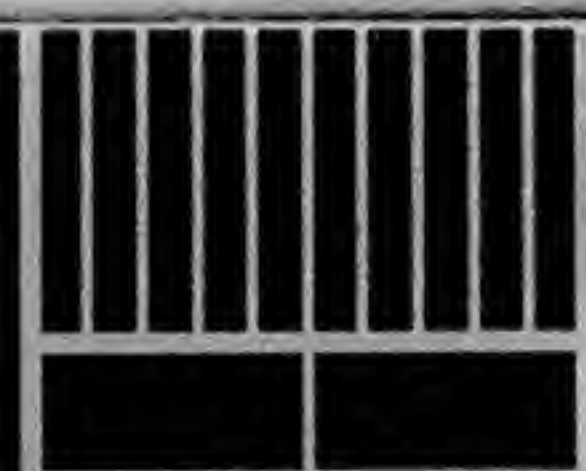
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March 1862

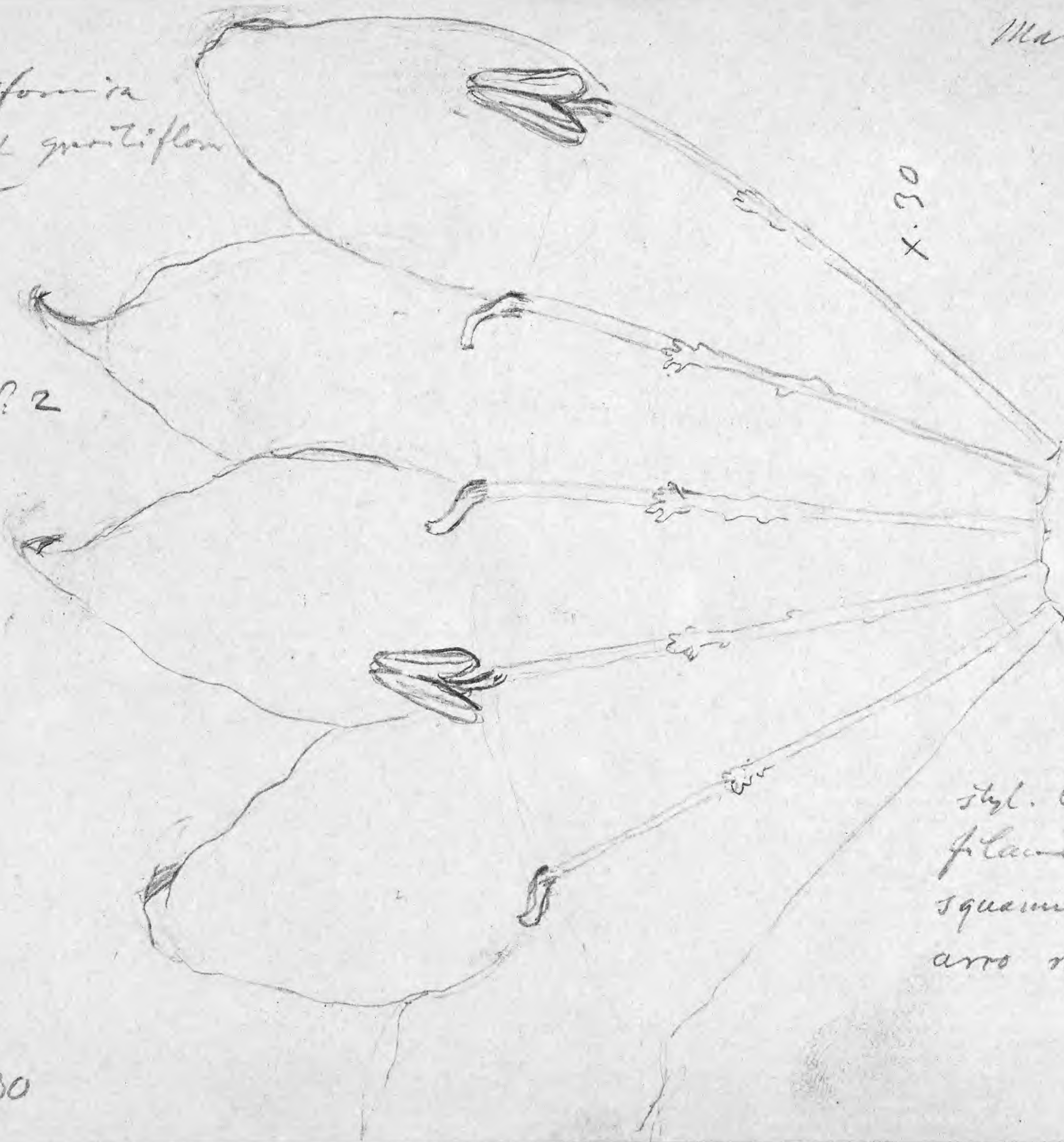
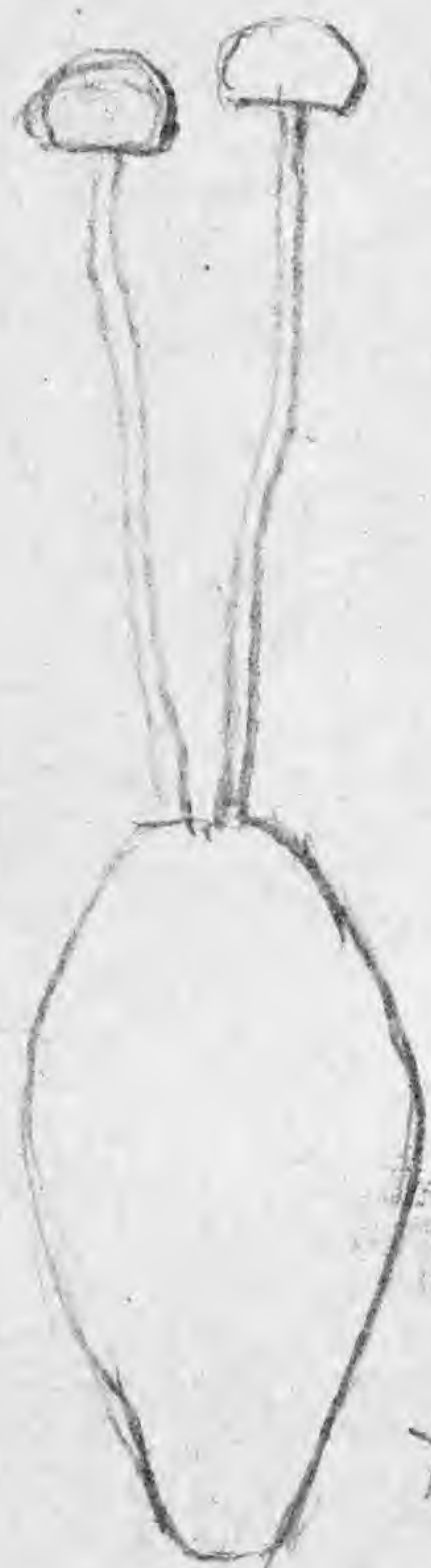
Cuscuta California
between var. breviflora & graminiflora
on Salicornia

Nisqually

Wash. Terr.

U.S. Expl. Exp. No. 2

fl. 2^{mm} long



styl. brev. inclus.
filament. brevissimum
squamis minutissimis
arbo nullo



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MISSOURI
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M. W. ALEXANDER,

SOUTH-EAST CORNER OF FOURTH AND MARKET STREETS,

ST. LOUIS.

4823

MISSOURI BOTANICAL GARDEN
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Sept 13 1875

Mare Island, Bay of San Francisco

Ch. Wright

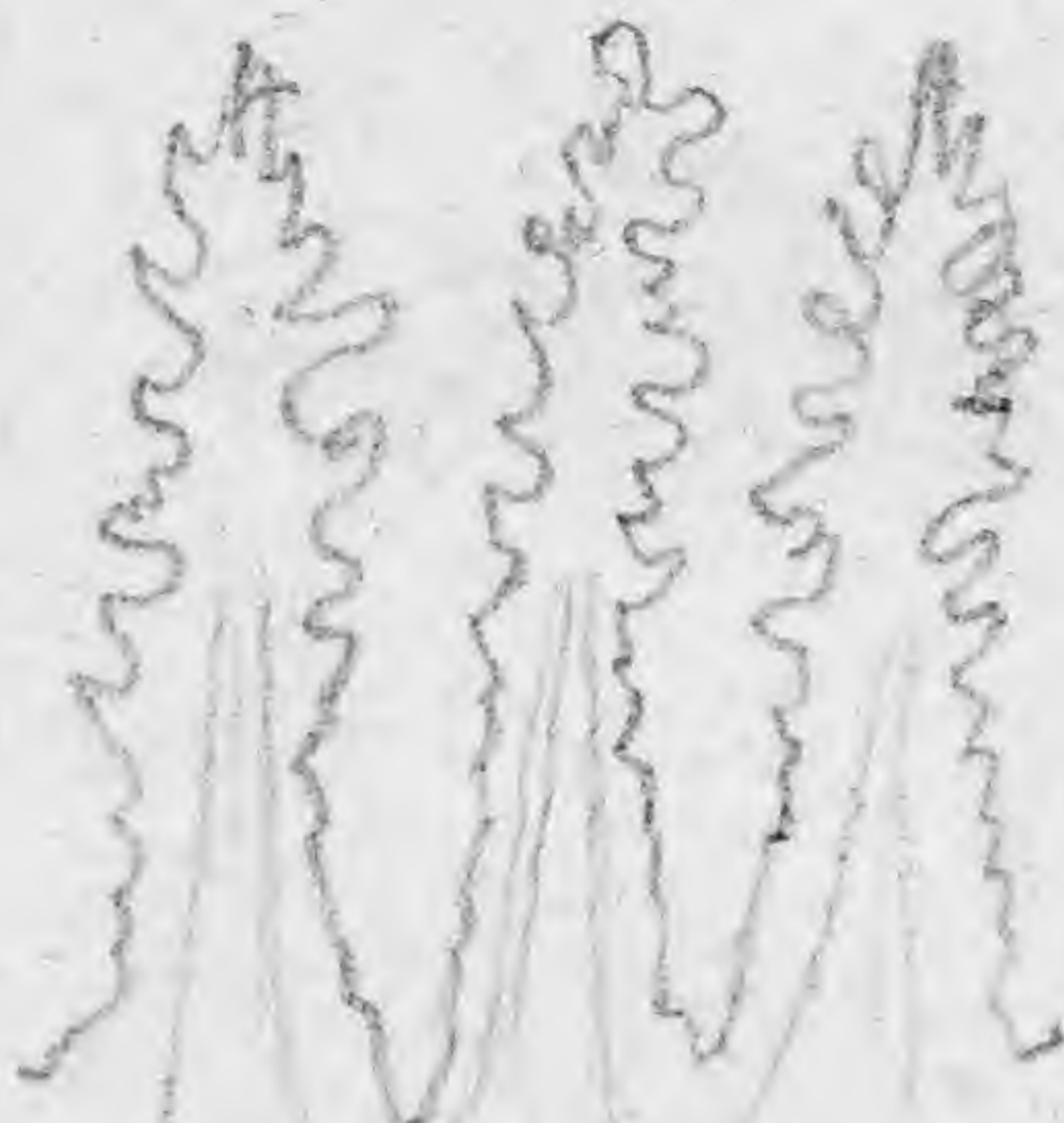
x10

in other glabrous, shorter,
in other quite sessile

3¹¹¹

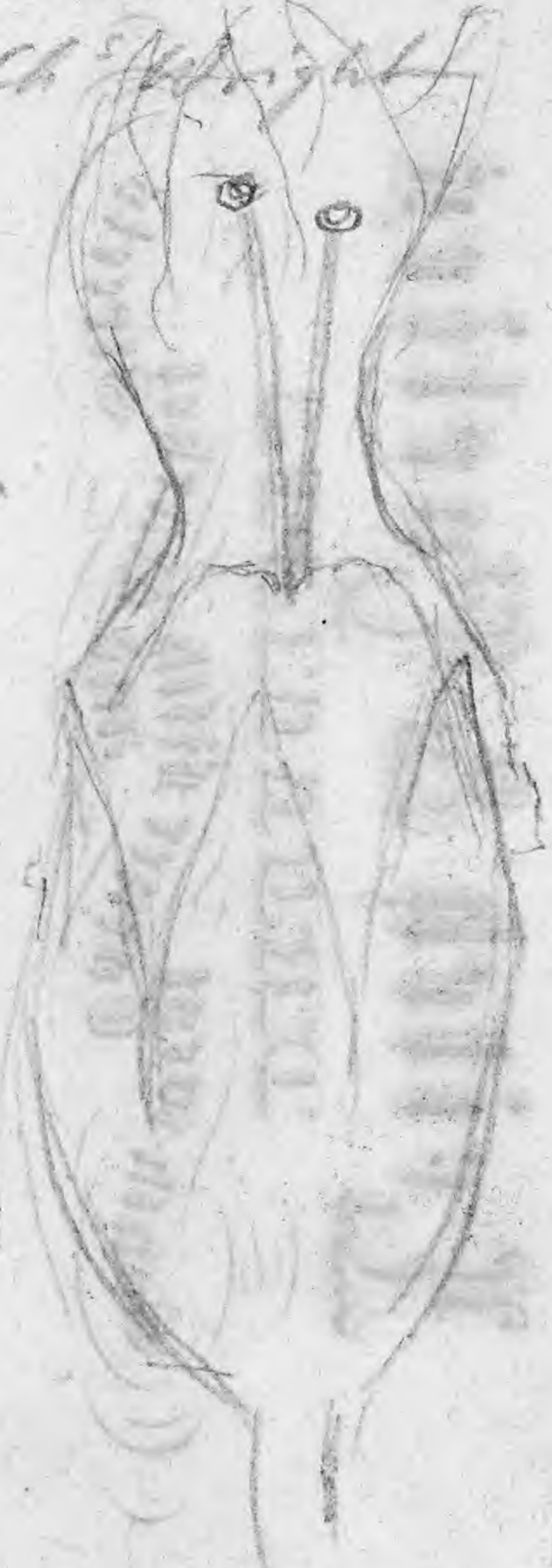
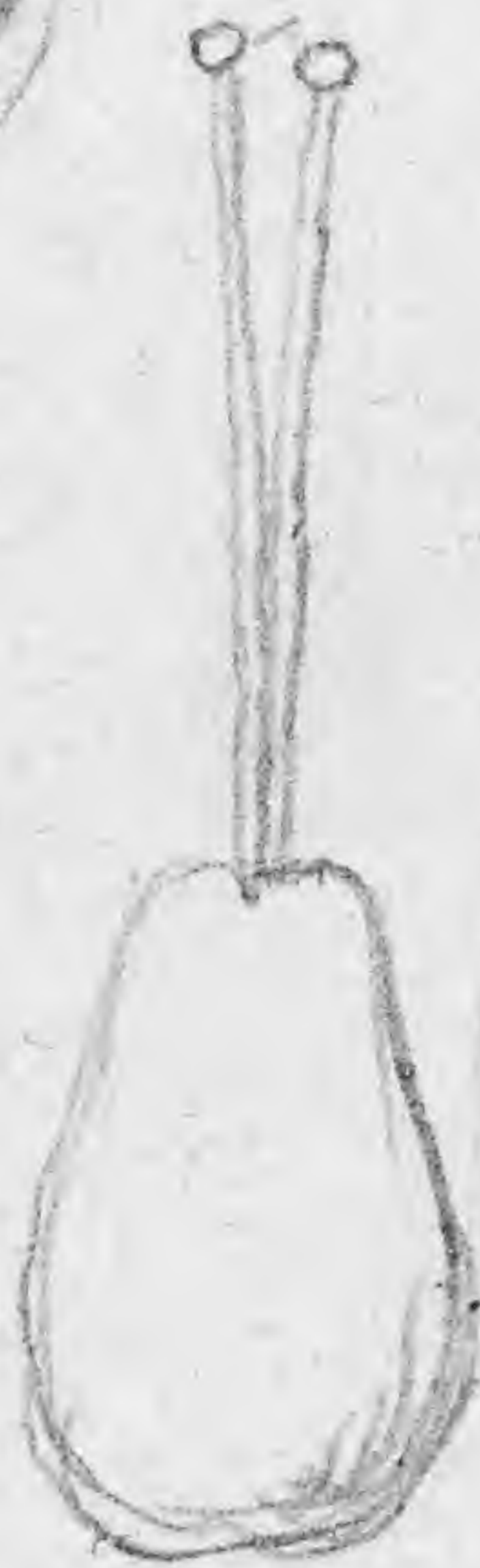


peduncle



seed single

holm rounded



Capsule 1-seeded
Calyptrate clausa



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MISSOURI
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4824

Leitch & Corlies

DRUGGISTS

South-west
Corner Fifth
and Market
Streets

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



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GARDEN

No 2

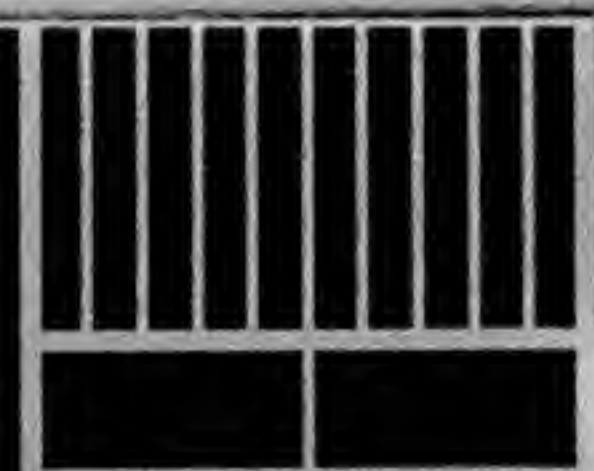
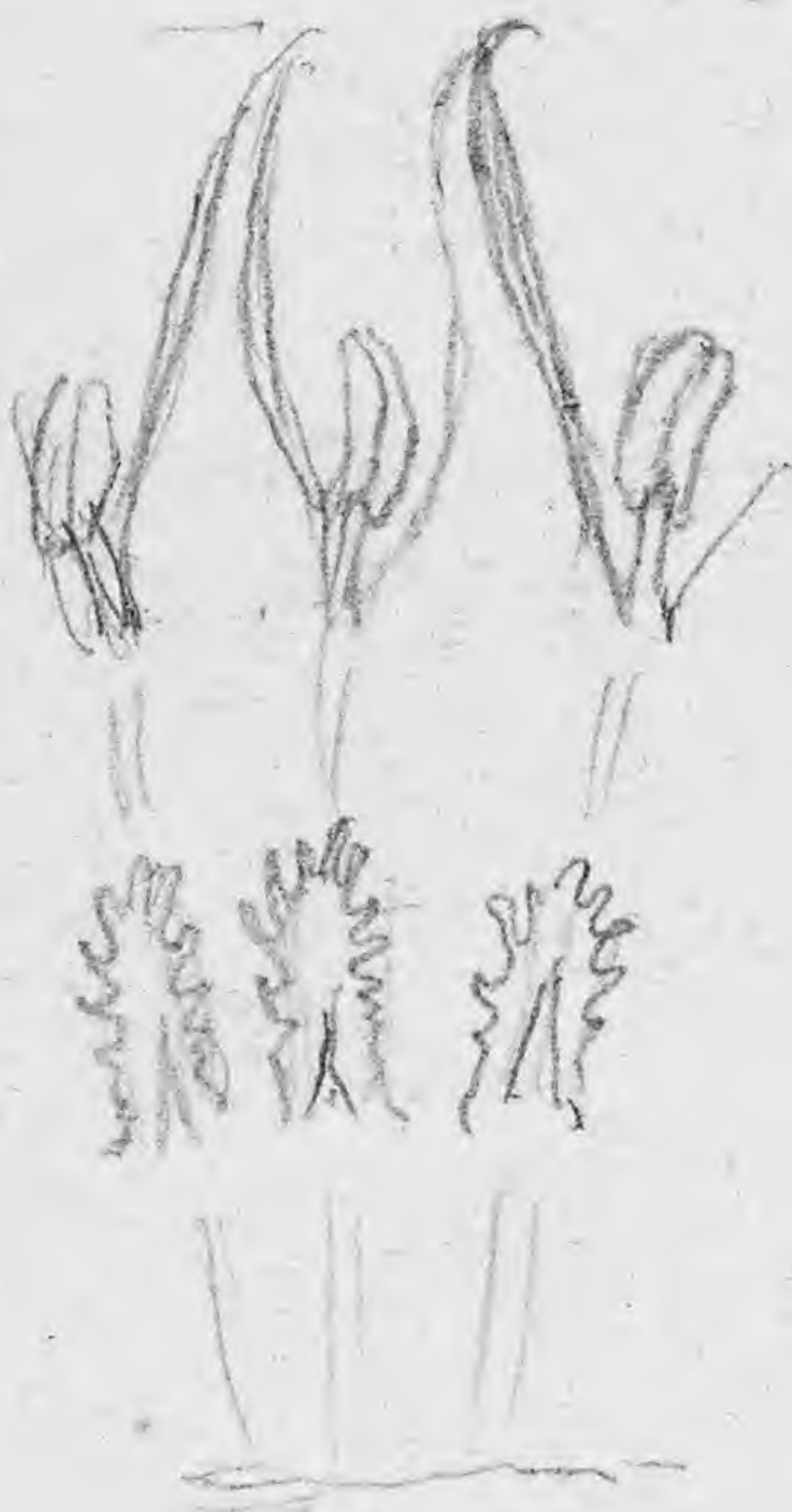
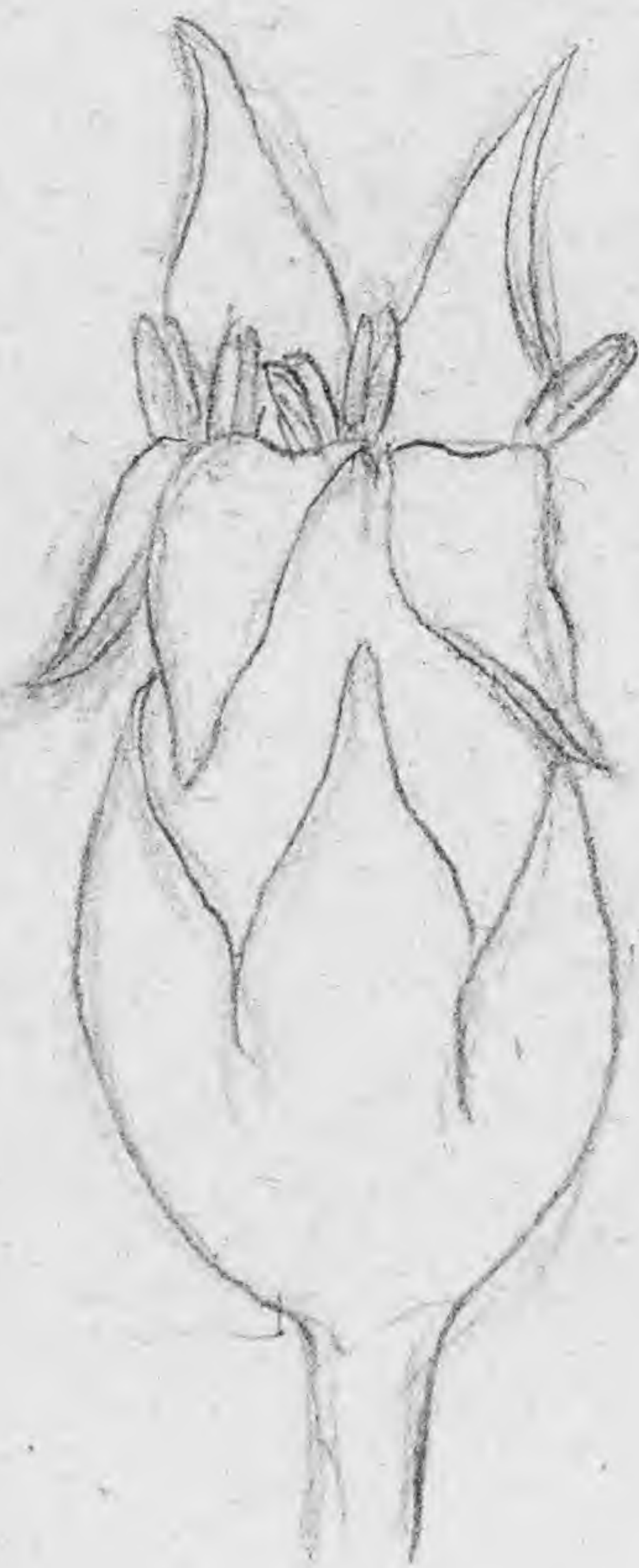
Cuscuta

Sept 14 1875

California No 3 — not known, where obtained

x10

2 1/2"



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MISSOURI
BOTANICAL
GARDEN

4825

Leitch & Corlies

DRUGGISTS

South-west
Corner Fifth and Market
Streets

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



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MISSOURI
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N. 3

Cuscuta

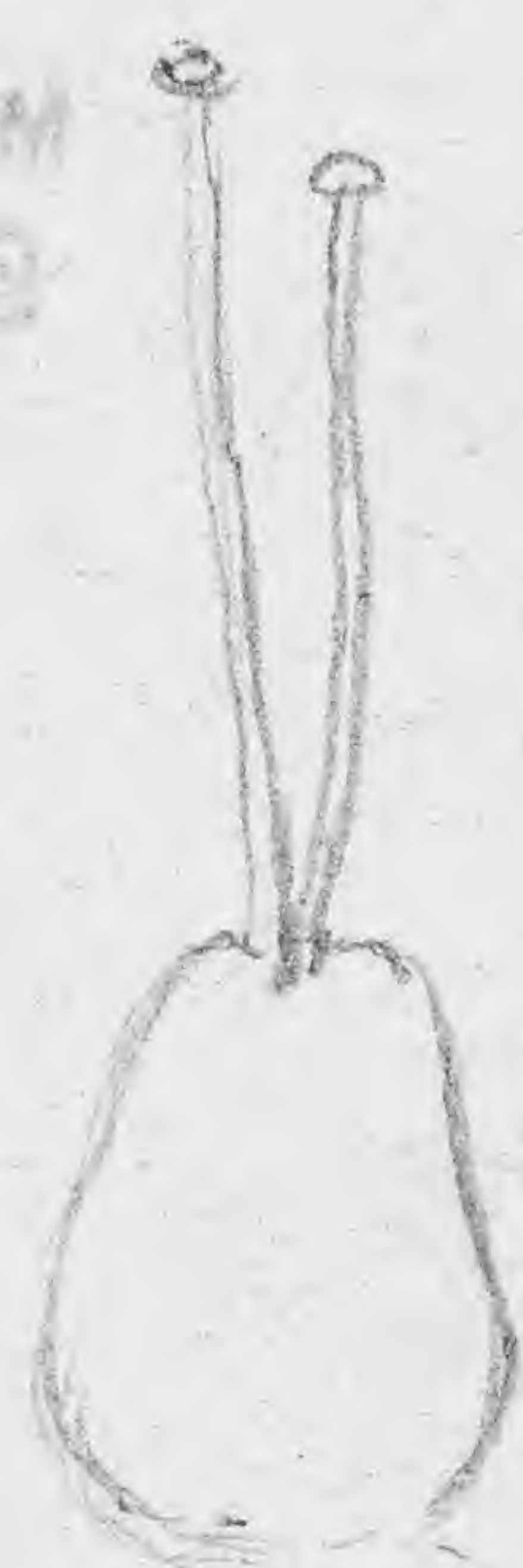
Sept 14 1875

x10

Californi No 4

on Artemisia

~~probably same as~~
~~Foot Fern~~
~~Sutton~~



lobes of corolla
crenulate-papillose

largest flower seen
8 mm long, others are smaller, 6 or 7 mm long



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12

Sept 14 1875

Fort. Lyon Pass & G.H. Horn 1863

x 10

 $2\frac{1}{4}''$ 

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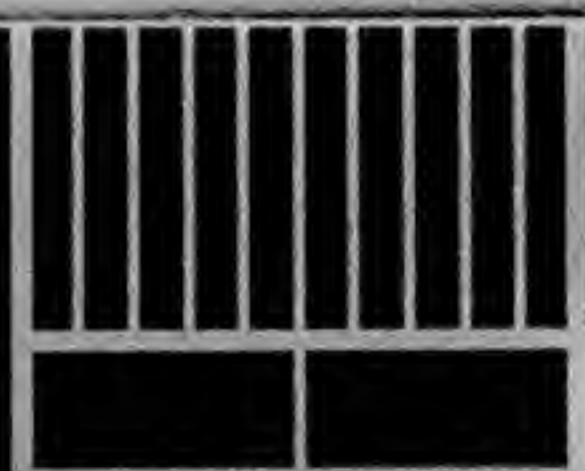
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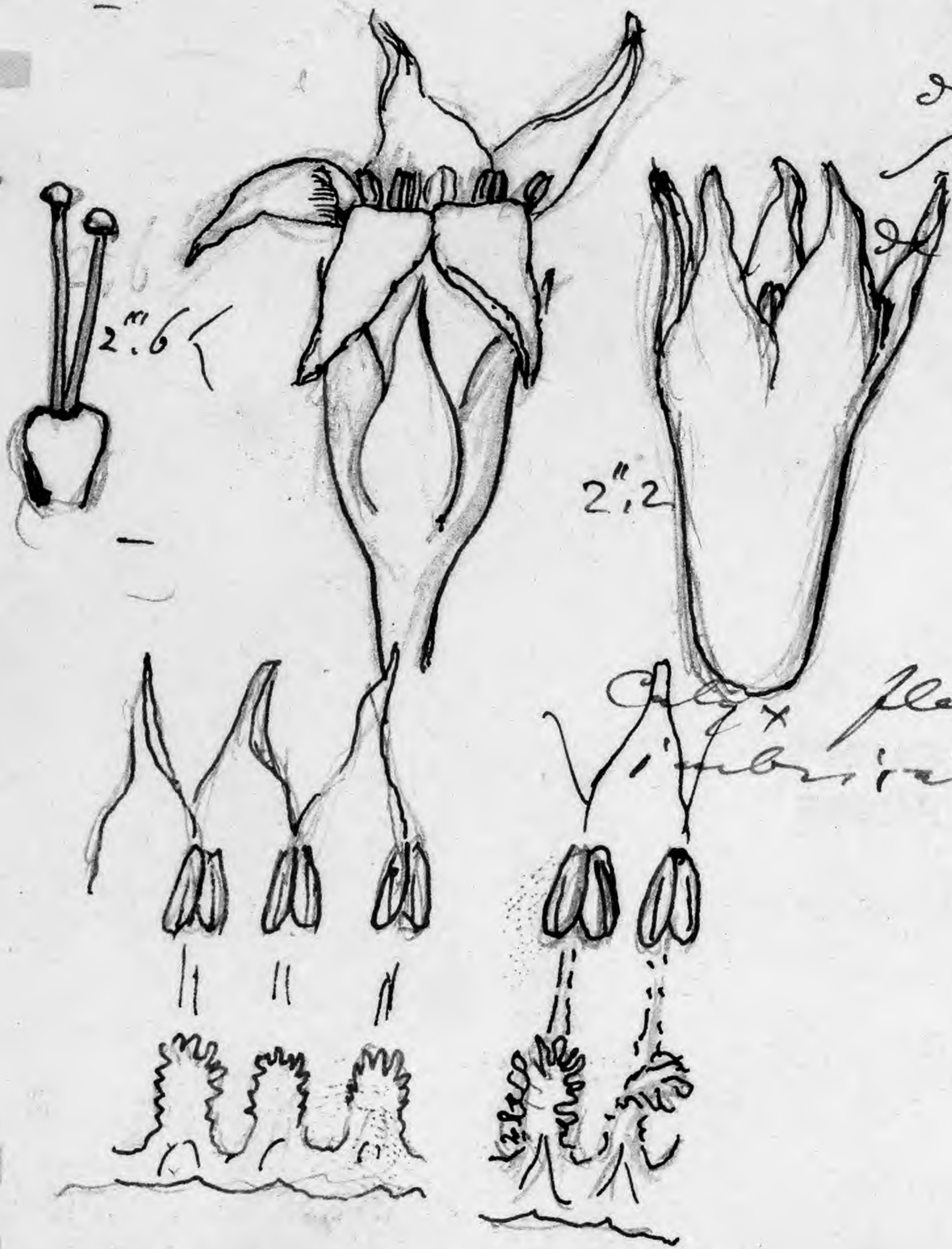


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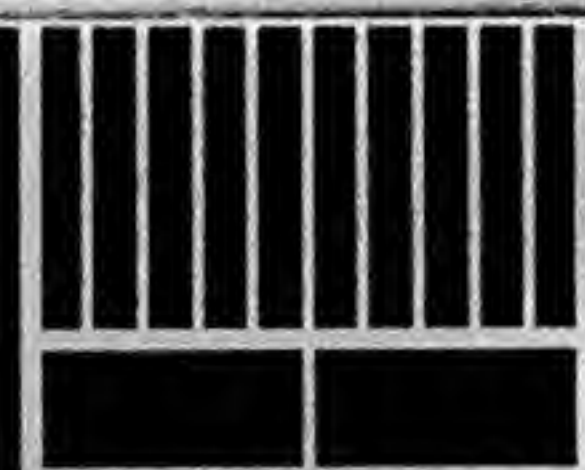
July 1859

Cuscuta Californica
 sous les bois de la
 Sierra Nevada, au dessus
 de Placer ville
 J. Remy Aug 1855

Ex herb Mus Paris
 June 1858



fls fleshy, deeply lobed
 imbricate



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4828 p281 25

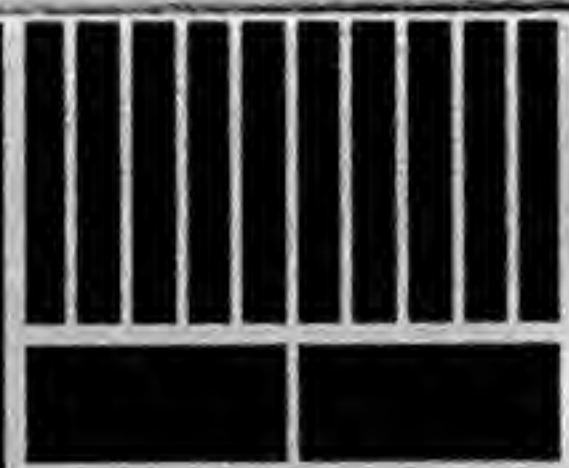
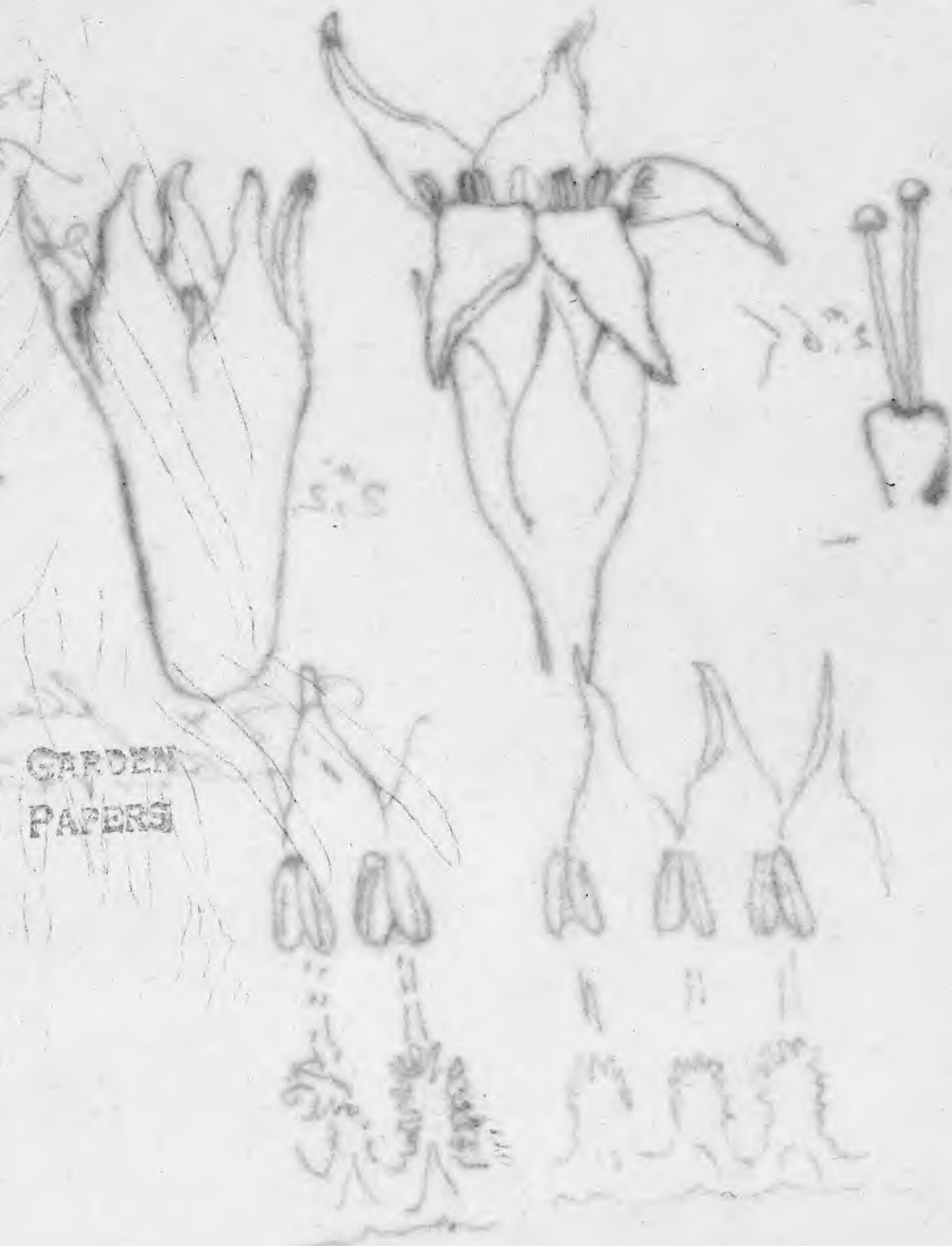
ALEX. LEITCH,

APOTHECARY & PHARMACEUTIST,

Marble Building, Cor. Fourth & Olive Sts., St. Louis, Mo.

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